

Workflow Link - Task Console

Task | Route | Documents

Primary Documents:

FileName	VersionID	CheckedOutBy	Description
<input checked="" type="checkbox"/> 34161818258_United States Envir...	5	<sorokjo>	

Add Remove

Task Information:

Step Instructions:
Please review the Special Waste Profile package and selected from the following:
01 - Approved the Request
02 - Insufficient Information
03 - Unacceptable Material

Instance Name: Special Waste Workflow 10/31/2018 3:45:51 PM
Instance ID: 98CC0FD3-0962-44A7-8178-4A7FE4663B86
Task Name: REQUEST FOR APPROVAL: Analyst Review
Step Number: 1
Task Type: Multiple Value By All
Requested By: m...@epa.gov

Multiple Answer Decision

02 - Insufficient Information

Comments:

Based on the responses from Don Edgington and Gary Moore it appears the analytical data from the sixteen wipe samples was obtained from sheet metal surfaces and the sheet metal is to be recycled, not disposed with Republic; therefore this data is not representative of the waste to be disposed with Republic. The waste to be disposed with Republic appears to be the concrete and wood debris, which may be contaminated with organics and metals, including PCBs from transformer dismantling/recycling activities), and vehicle fluids from vehicle service and repair activities.

Delegate Task OK Cancel

Based on the responses from Don Edgington and Gary Moore it appears the analytical data from the sixteen wipe samples was obtained from sheet metal surfaces and the sheet metal is to be recycled, not disposed with Republic; therefore this data is not representative of the waste to be disposed with Republic. The waste to be disposed with Republic appears to be the concrete and wood debris, which may be contaminated with organics and metals, including PCBs from transformer dismantling/recycling activities), and vehicle fluids from vehicle service and repair activities.

Please have the generator provide analytical data from a sample representative of the concrete and wood debris that includes, at a minimum: PCBs, the 8 RCRA-regulated metals, benzene, TOX, and TPH.



**THIRD PARTY SIGNATURE AUTHORIZATION
for Special Waste Disposal**

Date: 11/4/2018

This Authorization is only valid for ~~3 years~~ months
from the above date. *AM*

To Whom It May Concern:

Please be advised that the following company/individual has been appointed to work as our agent for purposes of managing waste materials that we may generate.

Name of Authorized Agent Don Edgington	Title Response Manager
Name of Company Environmental Restoration, LLC	Telephone Number 251-406-0220

The above broker/individual is authorized to act as our authorized agent for the following purposes:

- Complete and sign Special Waste Profile.
- Complete and sign Special Waste Profile-Recertification.
- Authorize amendments to Special Waste Profile.
- Sign contracts to dispose and/or transport material.
- Sign certifications necessary to comply with landfill requirements.
- Sign manifests to initiate shipment to disposal facilities.

Our authorized agent will notify us prior to any action stated above, and will provide us with copies of any documents bearing our name.

Name of Company U.S. EPA Region 6	Mailing Address 1445 Ross Ave, Suite 1200
Generator Contact (Print Name) Gary Moore (6SF-ER)	Title EPA OSC
Signature <i>Gary Moore</i>	Telephone Number 214-789-1627

Muegge, Cheryl

From: Don Edgington <d.edgington@erllc.com>
Sent: Saturday, November 03, 2018 9:18 AM
To: Muegge, Cheryl; Alderete, Chris
Cc: Moore, Gary; Delgado, Paige; Evan Wortman
Subject: C&D Profile No. 34161818258 - F.J. Doyle Salvage Site - Leonard, Texas

Note that (d.edgington@erllc.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Good morning, Cheryl.

I've taken the liberty to correct some of my initial responses to you and your analyst with Gary Moore's comments. I was incorrect in stating that the wipe samples were taken "from all building surfaces". Actually, the wipe samples were only taken from sheet metal surfaces, which is the primary building material in question. Additionally, it is the government's intent to recycle the metals and not ship them to you.

Bottom line, we do not have any analysis for the wood or concrete surfaces. If Republic needs this data to approve Profile No. 34161818258, we'll need to have Chris arrange to drop at least 3 open-top roll-offs to place the non-metallic C&D debris in then collect samples to characterize.

Gary Moore will respond to any additional questions regarding the waste profile as the generator's representative.

Chris, please prepare a separate quotation to deliver 3 30 yd O/T roll-offs to the site for Thursday AM. Based on the outcome of any sampling that occurs, we'll have Republic take the roll-offs to Itasca, Pleasant Oaks or Maloy as appropriate.

The following is Gary's corrections and answers to the original questions from your analyst.

From Gary Moore, On-Scene Coordinator, USEPA Region 6

Hello Cheryl:

I wanted to provide some supplemental information to the information provided by Don Edgington, EPA Contractor, provided you earlier today to try to answer your questions:

- 1) **What purpose was the building used on site?** This building was used as FJ Doyle Salvage from approximately 1976 to 1999. I was told that the transformers were empty (contained residual transformer oil) when they came to the site. The residual transformer oil was drained into a pan on the floor of the building and then pumped into outside tanks. The transformers were then dismantled to remove the metal parts for recycling as well as recycling of the transformer carcasses. After 1999, I was told that the property was used to store old trucks and parts and then as an auto repair facility and finally just for storage.
- 2) **What activities or processes occurred in the building?** See information in question 1 above.
- 3) **What possible contaminants may have been used in it?** A reasonable assumption is that some organic materials may have been spilled (transformer oil, auto fluids, etc. on the building floor, probable copper, lead and other minute amounts of metals from the metal salvage activities.
- 4) **How was it determined that no contamination exists in the materials that is to be disposed?** See attached analytical report; specifically analyses on 16 wipe samples taken from sheet metal both inside and out including

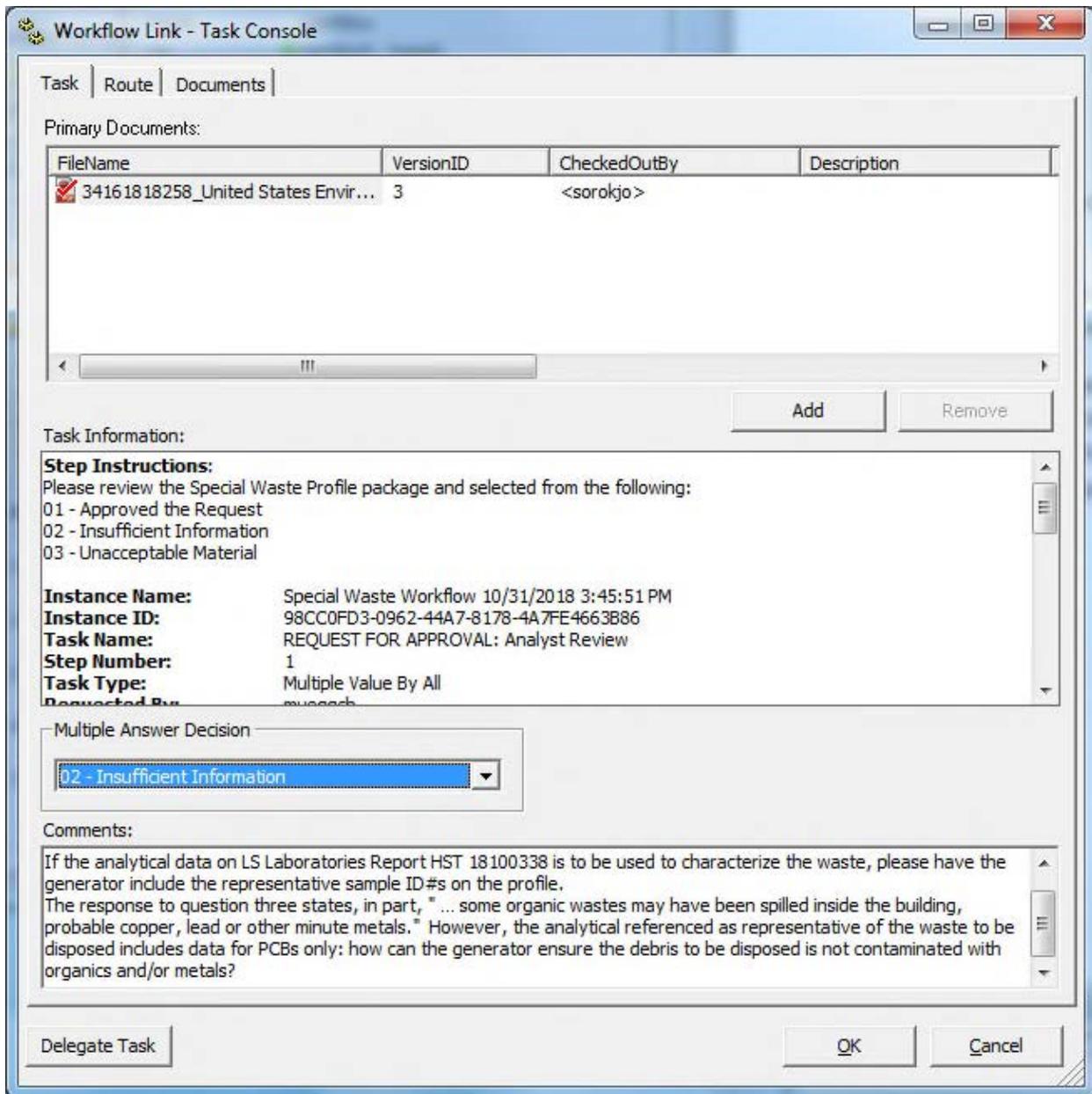
interior ceiling areas inside the structure to be demolished. The concrete and wood debris will have to be sampled to determine the appropriate waste stream.

- 5) **Please have the generator describe their process for ensuring no contaminated materials is designated for inclusion with C&D for disposal. Additional analytical may be required.** The building will be removed in small, discrete sections and visually assessed for any staining or abnormalities. Debris will be further segregated into metals, concrete, and wooded stockpiles and further evaluated prior to loading. Analytical is anticipated to be performed on a representative sample of the wood and concrete debris to determine the appropriate landfill. It is highly unlikely that representative sample of the debris will show the C&D material will be hazardous, or TSCA regulated.

Attachment: ALS Laboratories Final Report – HST 18100338 Final Level II.

All of the wipe samples (16) were taken from various locations on the building and were collected by Weston Solutions, Inc. representatives.

Confidentiality Warning: This e-mail and any attachments contain information intended only for the use of the individual or entity named above. If the reader of this e-mail is not the intended recipient or the employee or agent responsible for delivering it to the intended recipient, any dissemination, publication or copying of this e-mail is strictly prohibited. Although this email has been scanned for malware, the sender does not accept any responsibility for any loss, disruption or damage to your data or computer system that may occur while using data contained in, or transmitted with, this e-mail. If you have received this e-mail in error, please immediately notify by return e-mail. Thank you.



Please have the generator provide Third Party authorization for Don Degington to respond on behalf of the US EPA.

If the analytical data on LS Laboratories Report HST 18100338 is to be used to characterize the waste, please have the generator include the representative sample ID#s on the profile.

The response to question three states, in part, " ... some organic wastes may have been spilled inside the building, probable copper, lead or other minute metals." However, the analytical referenced as representative of the waste to be disposed includes data for PCBs only: how can the generator ensure the debris to be disposed is not contaminated with organics and/or metals?

Muegge, Cheryl

From: Don Edgington <d.edgington@erllc.com>
Sent: Thursday, November 01, 2018 1:28 PM
To: Muegge, Cheryl
Cc: Alderete, Chris; Moore, Gary; Delgado, Paige; Evan Wortman
Subject: RE: DLWN: Special Waste Workflow 10/31/2018 3:45:51 PM/INCOMPLETE: Addt'l Information Required - US EPA - Region 6 Profile 34161818258
Attachments: HS18100338 FJ Doyle Site Final Level II. Final.PDF

Note that (d.edgington@erllc.com) is an external email. Forward unfamiliar emails to infosec.phishing@republicservices.com

Cheryl—

Answering your questions in order:

- 1) **What purpose was the building used on site?** The building formerly housed F.J. Doyle Salvage, which was a concern involved with recycling out-of-service power transmission transformers for recoverable metals.
- 2) **What activities or processes occurred in the building?** As the site has been abandoned for several years, it is our assumption that drained carcasses and commercially viable metals were stored inside and probable disassembly of the drained carcasses ensued to recycle same.
- 3) **What possible contaminants may have been used in it?** Again, our assumption is that some organic wastes may have been spilled inside the building's floor, probable copper, lead and other minute amounts of metals.
- 4) **How was it determined that no contamination exists in the materials that is to be disposed?** See attached analytical report; specifically analyses on 16 wipe samples taken from wood, metal and concrete areas inside the structure to be demolished.
- 5) **Please have the generator describe their process for ensuring no contaminated materials is designated for inclusion with C&D for disposal. Additional analytical may be required.** The building will be removed in small, discrete sections and visually assessed for any staining or abnormalities. Debris will be further segregated into metals, concrete, glass and wooded stockpiles and further evaluated prior to loading.

Attachment: ALS Laboratories Final Report – HST 18100338 Final Level II.

All of the wipe samples (16) were taken from various locations on the building and were collected by Weston Services, Inc. representatives.

If you have any other questions/comments, please advise.

Regards,

Don

From: Muegge, Cheryl <CMuegge@republicservices.com>
Sent: Thursday, November 01, 2018 10:57 AM
To: Don Edgington <d.edgington@erllc.com>
Cc: Alderete, Chris <CAlderete@republicservices.com>
Subject: FW: DLWN: Special Waste Workflow 10/31/2018 3:45:51 PM/INCOMPLETE: Addt'l Information Required - US EPA - Region 6 Profile 34161818258

Don,

We have received an incomplete on the United States Environmental Protection Agency Region 6 / Construction & Demolition Debris Profile 34161818258 citing:

“Please have the generator add more details to their process generating waste: for what purpose was the building used on-site? What activities or processes occurred in the building? What possible contaminants may have been used in it? How was it determined that no contamination exists in the material that is to be disposed? Please have the generator describe their process for ensuring no contaminated material is designated for disposal. Additional analytical may be required.”

“What is the metal that constitutes up to 30% of the waste? Please have the generator describe.”

Thank you,

Cheryl Muegge
Sales Coordinator - Special Waste

2815 State Hwy 42 N
Kilgore, TX 75662
e cmuegge@republicservices.com
o 903-986-5337
w RepublicServices.com



We'll handle it from here!

From: workflow
Sent: Wednesday, October 31, 2018 9:17 AM
To: Muegge, Cheryl <CMuegge@republicservices.com>
Subject: DLWN: Special Waste Workflow 10/31/2018 3:45:51 PM/INCOMPLETE: Addt'l Information Required

REPOSITORY: Corporate
USER: System Admin (cssadmin)
ACTIVITY: Notify Users

MESSAGE:
Please review the appended notes on the Special Waste Profile package for missing information. Please then email the missing information to the analyst that declined this Special Waste Profile package.

LAST COMPLETED WORKFLOW STEP:
REQUEST FOR APPROVAL: Analyst Review
COMPLETED WORKFLOW STEP:
Joseph Sorokach VOTE: 02 - Insufficient Information
No Comments

WORKFLOW DETAIL:
INSTANCE NAME: Special Waste Workflow 10/31/2018 3:45:51 PM
ROUTE NAME: Special Waste Workflow
STEP NAME: INCOMPLETE: Addt'l Information Required
SUBMITTER NAME: Cheryl Muegge



10450 Stancliff Rd. Suite 210
Houston, TX 77099
T: +1 281 530 5656
F: +1 281 530 5887

October 11, 2018

Jeff Wright
Weston Solutions, Inc.
13702 Coursey Blvd.,
Bldg #7, Ste A
Baton Rouge, LA 70817

Work Order: **HS18100338**

Laboratory Results for: **FJ Doyle Site**

Dear Jeff,

ALS Environmental received 32 sample(s) on Oct 08, 2018 for the analysis presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

A handwritten signature in cursive script that reads "Bernadette Fini".

Generated By: JUMOKE.LAWAL
Bernadette A. Fini
Project Manager

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Work Order: HS18100338

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS18100338-01	DRA32-20181004-12-23	Water		04-Oct-2018 11:30	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-02	DRA29-20181004-01-51	Soil		04-Oct-2018 08:42	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-03	DRA29-20181004-06-51	Soil		04-Oct-2018 08:59	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-04	DRA29-20181004-06-52	Soil		04-Oct-2018 08:59	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-05	DRA29-20181004-12-51	Soil		04-Oct-2018 09:17	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-06	DRA30-20181004-01-51	Soil		04-Oct-2018 09:31	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-07	DRA30-20181004-06-51	Soil		04-Oct-2018 09:51	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-08	DRA30-20181004-12-51	Soil		04-Oct-2018 10:05	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-09	DRA31-20181004-01-51	Soil		04-Oct-2018 10:40	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-10	DRA31-20181004-06-51	Soil		04-Oct-2018 11:05	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-11	DRA31-20181004-12-51	Soil		04-Oct-2018 11:15	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-12	DRA32-20181004-01-51	Soil		04-Oct-2018 10:45	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-13	DRA32-20181004-06-51	Soil		04-Oct-2018 10:55	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-14	DRA32-20181004-06-52	Soil		04-Oct-2018 10:55	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-15	DRA32-20181004-12-51	Soil		04-Oct-2018 11:15	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-16	FJD04-09-PCS01-20181004-81	Paint		04-Oct-2018 16:16	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-17	FJD04-09-WS01-20181004-81	Wipe		04-Oct-2018 14:11	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-18	FJD04-09-WS01-20181004-82	Wipe		04-Oct-2018 14:13	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-19	FJD04-09-WS02-20181004-81	Wipe		04-Oct-2018 14:16	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-20	FJD04-09-WS03-20181004-81	Wipe		04-Oct-2018 14:20	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-21	FJD04-09-WS04-20181004-81	Wipe		04-Oct-2018 14:26	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-22	FJD04-09-WS05-20181004-81	Wipe		04-Oct-2018 14:28	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-23	FJD04-09-WS05-20181004-82	Wipe		04-Oct-2018 14:31	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-24	FJD04-09-WS06-20181004-81	Wipe		04-Oct-2018 14:33	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-25	FJD04-09-WS07-20181004-81	Wipe		04-Oct-2018 14:36	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-26	FJD04-09-WS08-20181004-81	Wipe		04-Oct-2018 14:38	08-Oct-2018 10:30	<input type="checkbox"/>

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Work Order: HS18100338

SAMPLE SUMMARY

Lab Samp ID	Client Sample ID	Matrix	TagNo	Collection Date	Date Received	Hold
HS18100338-27	FJD04-09-WS09-20181004-81	Wipe		04-Oct-2018 14:42	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-28	FJD04-09-WS10-20181004-81	Wipe		04-Oct-2018 14:46	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-29	FJD04-09-WS11-20181004-81	Wipe		04-Oct-2018 14:54	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-30	FJD04-09-WS12-20181004-81	Wipe		04-Oct-2018 14:58	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-31	FJD04-09-WS13-20181004-81	Wipe		04-Oct-2018 15:02	08-Oct-2018 10:30	<input type="checkbox"/>
HS18100338-32	FJD04-09-WS14-20181004-81	Wipe		04-Oct-2018 15:06	08-Oct-2018 10:30	<input type="checkbox"/>

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Work Order: HS18100338

CASE NARRATIVE

Work Order Comments

- Login notes:

Samples received out of temp. Per client email 10-8-18 continue with analysis.

Sample collection times differ for the following: DRA31-20181004-12-51 - COC = 11:15, Sx = 11:14. FJD04-09-WS14-20181004-81 - COC = 15:06, Sx = 14:06. Samples logged in per chain.

ECD Organics by Method SW8082

Batch ID: 133300,133307,133318,133387

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

GCMS Semivolatiles by Method SW8270

Batch ID: 133244

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Batch ID: 133297

Sample ID: DRA29-20181004-01-51 (HS18100338-02MS)

- One or more of the matrix spike compounds for the EPA 8270 analysis were recovered outside of the quality control limits due to sample matrix interferences. The LCS sample associated to this sample was within control limits.

Sample ID: DRA29-20181004-01-51 (HS18100338-02MSD)

- One or more of the matrix spike compounds for the EPA 8270 analysis were recovered outside of the quality control limits due to sample matrix interferences. The LCS sample associated to this sample was within control limits.

Metals by Method SW7471A

Batch ID: 133369

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW7470

Batch ID: 133349

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.

Metals by Method SW6020

Batch ID: 133282

Sample ID: DRA29-20181004-01-51 (HS18100338-02MS)

- MS and MSD failed for Antimony, Chromium, Magnesium, Potassium, Vanadium, but passed in PSD
- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Calcium, Manganese, Zinc, Iron, Barium
- Copper failed in MS and MSD, but passed in PDS
- The MS and/or MSD recovery was outside of the control; however, the result in the parent sample is greater than 4x the spike amount. Aluminum

Sample ID: DRA29-20181004-01-51 (HS18100338-02MSD)

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
Work Order: HS18100338

CASE NARRATIVE

Metals by Method SW6020

Batch ID: 133282

- Due to non-homogeneity of the soil sample matrix the MS/MSD recoveries and RPD were outside the control limits. Barium, Zinc

Sample ID: DRA29-20181004-01-51 (HS18100338-02PDS)

- The PDS recovery was outside method control limits, however the result in the parent sample is greater than 4x the spike amount.
Zinc

Sample ID: DRA29-20181004-01-51 (HS18100338-02SD)

- The percent difference between the results of the sample and the serial dilution were greater than 10%. Copper

Batch ID: 133292

Sample ID: HS18100285-02MS

- MS/MSD and DUPs are for an unrelated sample

WetChemistry by Method ASTM D2216

Batch ID: R325102

- The test results meet requirements of the current NELAP standards, state requirements or programs where applicable.
-

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-23
 Collection Date: 04-Oct-2018 11:30

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-01
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES		Method:SW8270			Prep:SW3510 / 08-Oct-2018		Analyst: GEY
1,1'-Biphenyl	U		0.000024	0.00020	mg/L	1	10-Oct-2018 14:40
2,4,5-Trichlorophenol	U		0.000057	0.00020	mg/L	1	10-Oct-2018 14:40
2,4,6-Trichlorophenol	U		0.000048	0.00020	mg/L	1	10-Oct-2018 14:40
2,4-Dichlorophenol	U		0.000043	0.00020	mg/L	1	10-Oct-2018 14:40
2,4-Dimethylphenol	U		0.000040	0.00020	mg/L	1	10-Oct-2018 14:40
2,4-Dinitrophenol	U		0.00010	0.0010	mg/L	1	10-Oct-2018 14:40
2,4-Dinitrotoluene	U		0.000058	0.00020	mg/L	1	10-Oct-2018 14:40
2,6-Dinitrotoluene	U		0.000042	0.00020	mg/L	1	10-Oct-2018 14:40
2-Chloronaphthalene	U		0.000021	0.00020	mg/L	1	10-Oct-2018 14:40
2-Chlorophenol	U		0.000036	0.00020	mg/L	1	10-Oct-2018 14:40
2-Methylnaphthalene	U		0.000019	0.00010	mg/L	1	10-Oct-2018 14:40
2-Methylphenol	U		0.000045	0.00020	mg/L	1	10-Oct-2018 14:40
2-Nitroaniline	U		0.000041	0.00020	mg/L	1	10-Oct-2018 14:40
2-Nitrophenol	U		0.000034	0.00020	mg/L	1	10-Oct-2018 14:40
3&4-Methylphenol	U		0.000036	0.00020	mg/L	1	10-Oct-2018 14:40
3,3'-Dichlorobenzidine	U		0.000044	0.00020	mg/L	1	10-Oct-2018 14:40
3-Nitroaniline	U		0.000049	0.00020	mg/L	1	10-Oct-2018 14:40
4,6-Dinitro-2-methylphenol	U		0.000020	0.00020	mg/L	1	10-Oct-2018 14:40
4-Bromophenyl phenyl ether	U		0.000051	0.00020	mg/L	1	10-Oct-2018 14:40
4-Chloro-3-methylphenol	U		0.000032	0.00020	mg/L	1	10-Oct-2018 14:40
4-Chloroaniline	U		0.000039	0.00020	mg/L	1	10-Oct-2018 14:40
4-Chlorophenyl phenyl ether	U		0.000044	0.00020	mg/L	1	10-Oct-2018 14:40
4-Nitroaniline	U		0.000035	0.00020	mg/L	1	10-Oct-2018 14:40
4-Nitrophenol	U		0.000047	0.0010	mg/L	1	10-Oct-2018 14:40
Acenaphthene	U		0.000027	0.00010	mg/L	1	10-Oct-2018 14:40
Acenaphthylene	U		0.000015	0.00010	mg/L	1	10-Oct-2018 14:40
Acetophenone	U		0.000024	0.00020	mg/L	1	10-Oct-2018 14:40
Anthracene	U		0.000014	0.00010	mg/L	1	10-Oct-2018 14:40
Atrazine	U		0.000033	0.00020	mg/L	1	10-Oct-2018 14:40
Benz(a)anthracene	U		0.000050	0.00010	mg/L	1	10-Oct-2018 14:40
Benzaldehyde	U	n	0.000030	0.00020	mg/L	1	10-Oct-2018 14:40
Benzo(a)pyrene	U		0.000020	0.00010	mg/L	1	10-Oct-2018 14:40
Benzo(b)fluoranthene	U		0.000023	0.00010	mg/L	1	10-Oct-2018 14:40
Benzo(g,h,i)perylene	U		0.000014	0.00010	mg/L	1	10-Oct-2018 14:40
Benzo(k)fluoranthene	U		0.000019	0.00010	mg/L	1	10-Oct-2018 14:40
Bis(2-chloro-1-methylethyl) ether	U		0.000070	0.00020	mg/L	1	10-Oct-2018 14:40
Bis(2-chloroethoxy)methane	U		0.000030	0.00020	mg/L	1	10-Oct-2018 14:40
Bis(2-chloroethyl)ether	U		0.000026	0.00020	mg/L	1	10-Oct-2018 14:40
Bis(2-ethylhexyl)phthalate	0.00014	J	0.000037	0.00020	mg/L	1	10-Oct-2018 14:40

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-23
 Collection Date: 04-Oct-2018 11:30

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-01
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES	Method:SW8270				Prep:SW3510 / 08-Oct-2018		Analyst: GEY
Butyl benzyl phthalate	U		0.000019	0.00020	mg/L	1	10-Oct-2018 14:40
Caprolactam	0.00027		0.000045	0.00020	mg/L	1	10-Oct-2018 14:40
Carbazole	U		0.000025	0.00020	mg/L	1	10-Oct-2018 14:40
Chrysene	U		0.000021	0.00010	mg/L	1	10-Oct-2018 14:40
Dibenz(a,h)anthracene	U		0.000024	0.00010	mg/L	1	10-Oct-2018 14:40
Dibenzofuran	U		0.000020	0.00010	mg/L	1	10-Oct-2018 14:40
Diethyl phthalate	U		0.000030	0.00020	mg/L	1	10-Oct-2018 14:40
Dimethyl phthalate	U		0.000041	0.00020	mg/L	1	10-Oct-2018 14:40
Di-n-butyl phthalate	0.00023		0.000020	0.00020	mg/L	1	10-Oct-2018 14:40
Di-n-octyl phthalate	U		0.000020	0.00020	mg/L	1	10-Oct-2018 14:40
Fluoranthene	U		0.000010	0.00010	mg/L	1	10-Oct-2018 14:40
Fluorene	U		0.000030	0.00010	mg/L	1	10-Oct-2018 14:40
Hexachlorobenzene	U		0.000044	0.00020	mg/L	1	10-Oct-2018 14:40
Hexachlorobutadiene	U		0.000030	0.00020	mg/L	1	10-Oct-2018 14:40
Hexachlorocyclopentadiene	U		0.000030	0.00020	mg/L	1	10-Oct-2018 14:40
Hexachloroethane	U		0.000059	0.00020	mg/L	1	10-Oct-2018 14:40
Indeno(1,2,3-cd)pyrene	U		0.000022	0.00010	mg/L	1	10-Oct-2018 14:40
Isophorone	U		0.000025	0.00020	mg/L	1	10-Oct-2018 14:40
Naphthalene	U		0.000020	0.00010	mg/L	1	10-Oct-2018 14:40
Nitrobenzene	U		0.000024	0.00020	mg/L	1	10-Oct-2018 14:40
N-Nitrosodi-n-propylamine	U		0.000032	0.00020	mg/L	1	10-Oct-2018 14:40
N-Nitrosodiphenylamine	U		0.000025	0.00020	mg/L	1	10-Oct-2018 14:40
Pentachlorophenol	U		0.000079	0.00020	mg/L	1	10-Oct-2018 14:40
Phenanthrene	U		0.000021	0.00010	mg/L	1	10-Oct-2018 14:40
Phenol	U		0.000035	0.00020	mg/L	1	10-Oct-2018 14:40
Pyrene	U		0.000019	0.00010	mg/L	1	10-Oct-2018 14:40
<i>Surr: 2,4,6-Tribromophenol</i>	<i>69.1</i>			<i>34-129</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>76.7</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>
<i>Surr: 2-Fluorophenol</i>	<i>54.6</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>89.4</i>			<i>40-135</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>
<i>Surr: Nitrobenzene-d5</i>	<i>71.5</i>			<i>41-120</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>
<i>Surr: Phenol-d6</i>	<i>59.1</i>			<i>20-120</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:40</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-23
 Collection Date: 04-Oct-2018 11:30

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-01
 Matrix:Water

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3510C/3665A / 09-Oct-2018		Analyst: JBA	
Aroclor 1016	U		0.000667	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1221	U		0.000625	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1232	U		0.000625	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1242	U		0.000500	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1248	U		0.000625	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1254	U		0.000625	0.00208	mg/L	1	10-Oct-2018 12:18
Aroclor 1260	U		0.000833	0.00208	mg/L	1	10-Oct-2018 12:18
Surr: Decachlorobiphenyl	113			54-140	%REC	1	10-Oct-2018 12:18
Surr: Tetrachloro-m-xylene	95.7			53-137	%REC	1	10-Oct-2018 12:18
ICP-MS METALS BY SW6020A		Method:SW6020		Prep:SW3010A / 09-Oct-2018		Analyst: JC	
Aluminum	0.0423		0.00180	0.0100	mg/L	1	11-Oct-2018 15:27
Antimony	U		0.000400	0.00200	mg/L	1	11-Oct-2018 15:27
Arsenic	U		0.000400	0.00200	mg/L	1	11-Oct-2018 15:27
Barium	0.00453		0.00190	0.00400	mg/L	1	11-Oct-2018 15:27
Beryllium	0.000215	J	0.000200	0.00200	mg/L	1	11-Oct-2018 15:27
Cadmium	U		0.000200	0.00200	mg/L	1	11-Oct-2018 15:27
Calcium	1.81		0.0340	0.500	mg/L	1	11-Oct-2018 15:27
Chromium	0.000570	J	0.000400	0.00400	mg/L	1	11-Oct-2018 15:27
Cobalt	0.000264	J	0.000200	0.00500	mg/L	1	11-Oct-2018 15:27
Copper	0.00830		0.00100	0.00200	mg/L	1	11-Oct-2018 15:27
Iron	U		0.0120	0.200	mg/L	1	11-Oct-2018 15:27
Lead	U		0.000600	0.00200	mg/L	1	11-Oct-2018 15:27
Magnesium	0.320		0.0100	0.200	mg/L	1	11-Oct-2018 15:27
Manganese	0.0193		0.000700	0.00500	mg/L	1	11-Oct-2018 15:27
Nickel	0.000818	J	0.000600	0.00200	mg/L	1	11-Oct-2018 15:27
Potassium	0.180	J	0.0180	0.200	mg/L	1	11-Oct-2018 15:27
Selenium	U		0.00110	0.00200	mg/L	1	11-Oct-2018 15:27
Silver	U		0.000200	0.00200	mg/L	1	11-Oct-2018 15:27
Sodium	0.368		0.0140	0.200	mg/L	1	11-Oct-2018 15:27
Thallium	U		0.000200	0.00200	mg/L	1	11-Oct-2018 15:27
Vanadium	U		0.000600	0.00500	mg/L	1	11-Oct-2018 15:27
Zinc	0.00706		0.00200	0.00400	mg/L	1	11-Oct-2018 15:27
MERCURY BY SW7470A		Method:SW7470		Prep:SW7470 / 10-Oct-2018		Analyst: JCJ	
Mercury	U		0.0000300	0.000200	mg/L	1	10-Oct-2018 16:05

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-01-51
 Collection Date: 04-Oct-2018 08:42

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,4,5-Trichlorophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,4,6-Trichlorophenol	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,4-Dichlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,4-Dimethylphenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	10-Oct-2018 13:56
2,4-Dinitrotoluene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2,6-Dinitrotoluene	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2-Chloronaphthalene	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2-Chlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2-Methylnaphthalene	U		0.00062	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
2-Methylphenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
2-Nitrophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
3&4-Methylphenol	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
3,3'-Dichlorobenzidine	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
3-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4,6-Dinitro-2-methylphenol	U		0.0026	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Bromophenyl phenyl ether	U		0.0020	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Chloro-3-methylphenol	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Chloroaniline	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Chlorophenyl phenyl ether	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Nitroaniline	U		0.0027	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 13:56
Acenaphthene	U		0.00062	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Acetophenone	U		0.00099	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Anthracene	U		0.00062	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Atrazine	U		0.0025	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Benz(a)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Benzaldehyde	U	n	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Benzo(a)pyrene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Benzo(b)fluoranthene	U		0.0015	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Benzo(g,h,i)perylene	U		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Benzo(k)fluoranthene	U		0.0011	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Bis(2-chloroethoxy)methane	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Bis(2-chloroethyl)ether	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Bis(2-ethylhexyl)phthalate	0.0069	J	0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-01-51
 Collection Date: 04-Oct-2018 08:42

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Caprolactam	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Carbazole	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Chrysene	U		0.00099	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Dibenzofuran	U		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Diethyl phthalate	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Dimethyl phthalate	U		0.00099	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Di-n-butyl phthalate	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Di-n-octyl phthalate	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Fluoranthene	0.0018	J	0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Hexachlorobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Hexachlorobutadiene	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Hexachlorocyclopentadiene	U		0.00099	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Hexachloroethane	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Indeno(1,2,3-cd)pyrene	U		0.00099	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Isophorone	U		0.00099	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Naphthalene	U		0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Nitrobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
N-Nitrosodi-n-propylamine	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
N-Nitrosodiphenylamine	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Pentachlorophenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Phenanthrene	U		0.0018	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
Phenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 13:56
Pyrene	0.0031	J	0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 13:56
<i>Surr: 2,4,6-Tribromophenol</i>	79.4			36-126	%REC	1	10-Oct-2018 13:56
<i>Surr: 2-Fluorobiphenyl</i>	79.3			43-125	%REC	1	10-Oct-2018 13:56
<i>Surr: 2-Fluorophenol</i>	53.4			37-125	%REC	1	10-Oct-2018 13:56
<i>Surr: 4-Terphenyl-d14</i>	96.2			32-125	%REC	1	10-Oct-2018 13:56
<i>Surr: Nitrobenzene-d5</i>	70.7			37-125	%REC	1	10-Oct-2018 13:56
<i>Surr: Phenol-d6</i>	63.9			40-125	%REC	1	10-Oct-2018 13:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-01-51
 Collection Date: 04-Oct-2018 08:42

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-02
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0052	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1221		U	0.0069	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1232		U	0.0055	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1242		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1248		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1254		U	0.0058	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
Aroclor 1260		U	0.0049	0.021	mg/Kg-dry	1	10-Oct-2018 03:24
<i>Surr: Decachlorobiphenyl</i>	124			54-143	%REC	1	10-Oct-2018 03:24
<i>Surr: Tetrachloro-m-xylene</i>	107			50-140	%REC	1	10-Oct-2018 03:24
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	12,300		27.5	237	mg/Kg-dry	100	11-Oct-2018 14:32
Antimony	0.297	J	0.0770	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Arsenic	9.25		0.0829	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Barium	122		0.0355	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Beryllium	0.599		0.0249	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Cadmium	0.502	J	0.0320	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Calcium	217,000		588	5920	mg/Kg-dry	100	11-Oct-2018 14:32
Chromium	18.0		0.0273	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Cobalt	8.04		0.0178	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Copper	31.7		0.0450	0.237	mg/Kg-dry	1	11-Oct-2018 16:11
Iron	12,100		2.17	59.2	mg/Kg-dry	1	10-Oct-2018 22:08
Lead	28.5		0.0154	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Magnesium	3,440		2.97	59.2	mg/Kg-dry	1	10-Oct-2018 22:08
Manganese	1,270		5.09	59.2	mg/Kg-dry	100	11-Oct-2018 14:32
Nickel	17.3		0.0569	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Potassium	1,610		7.96	59.2	mg/Kg-dry	1	10-Oct-2018 22:08
Selenium	0.832		0.108	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Silver	0.0820	J	0.0178	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Sodium	135		4.94	59.2	mg/Kg-dry	1	10-Oct-2018 22:08
Thallium		U	0.264	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Vanadium	43.2		0.0889	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
Zinc	84.5		0.201	0.592	mg/Kg-dry	1	10-Oct-2018 22:08
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0246		0.000617	0.00436	mg/Kg-dry	1	11-Oct-2018 13:10
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	19.0		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-51
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,4,5-Trichlorophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,4,6-Trichlorophenol	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,4-Dichlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,4-Dimethylphenol	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	10-Oct-2018 14:58
2,4-Dinitrotoluene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2,6-Dinitrotoluene	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2-Chloronaphthalene	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2-Chlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2-Methylnaphthalene	0.0062		0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
2-Methylphenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
2-Nitrophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
3&4-Methylphenol	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
3,3'-Dichlorobenzidine	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
3-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4,6-Dinitro-2-methylphenol	U		0.0025	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Bromophenyl phenyl ether	U		0.0019	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Chloro-3-methylphenol	U		0.00083	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Chloroaniline	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Chlorophenyl phenyl ether	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Nitroaniline	U		0.0026	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 14:58
Acenaphthene	U		0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Acenaphthylene	U		0.0012	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Acetophenone	U		0.00095	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Anthracene	U		0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Atrazine	U		0.0024	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Benz(a)anthracene	0.0075		0.0019	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Benzaldehyde	U	n	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Benzo(a)pyrene	U		0.0012	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Benzo(b)fluoranthene	U		0.0014	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Benzo(g,h,i)perylene	U		0.00083	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Benzo(k)fluoranthene	U		0.0011	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Bis(2-chloroethoxy)methane	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Bis(2-chloroethyl)ether	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Bis(2-ethylhexyl)phthalate	0.0096		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-51
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Caprolactam	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Carbazole	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Chrysene	0.0073		0.00095	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Dibenz(a,h)anthracene	U		0.0019	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Dibenzofuran	U		0.00083	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Diethyl phthalate	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Dimethyl phthalate	U		0.00095	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Di-n-butyl phthalate	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Di-n-octyl phthalate	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Fluoranthene	U		0.0013	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Fluorene	0.0043		0.0013	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Hexachlorobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Hexachlorobutadiene	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Hexachlorocyclopentadiene	U		0.00095	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Hexachloroethane	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Indeno(1,2,3-cd)pyrene	U		0.00095	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Isophorone	U		0.00095	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Naphthalene	0.0014	J	0.00072	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Nitrobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
N-Nitrosodi-n-propylamine	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
N-Nitrosodiphenylamine	U		0.00083	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Pentachlorophenol	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Phenanthrene	0.020		0.0018	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
Phenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 14:58
Pyrene	U		0.00072	0.0039	mg/Kg-dry	1	10-Oct-2018 14:58
<i>Surr: 2,4,6-Tribromophenol</i>	<i>77.6</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>77.4</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>
<i>Surr: 2-Fluorophenol</i>	<i>55.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>82.3</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>
<i>Surr: Nitrobenzene-d5</i>	<i>70.9</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>
<i>Surr: Phenol-d6</i>	<i>65.8</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 14:58</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-51
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-03
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0050	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1221		U	0.0067	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1232		U	0.0054	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1242		U	0.0070	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1248		U	0.0070	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1254		U	0.0056	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
Aroclor 1260		U	0.0048	0.020	mg/Kg-dry	1	10-Oct-2018 04:43
<i>Surr: Decachlorobiphenyl</i>	133			54-143	%REC	1	10-Oct-2018 04:43
<i>Surr: Tetrachloro-m-xylene</i>	116			50-140	%REC	1	10-Oct-2018 04:43
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	15,900		26.8	231	mg/Kg-dry	100	11-Oct-2018 14:39
Antimony	0.240	J	0.0750	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Arsenic	11.2		0.0808	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Barium	126		0.0346	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Beryllium	0.704		0.0242	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Cadmium	0.418	J	0.0312	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Calcium	225,000		573	5770	mg/Kg-dry	100	11-Oct-2018 14:39
Chromium	18.7		0.0265	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Cobalt	8.80		0.0173	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Copper	30.7		0.0439	0.231	mg/Kg-dry	1	11-Oct-2018 16:22
Iron	14,200		2.11	57.7	mg/Kg-dry	1	10-Oct-2018 22:34
Lead	26.1		0.0150	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Magnesium	3,410		2.90	57.7	mg/Kg-dry	1	10-Oct-2018 22:34
Manganese	1,500		4.96	57.7	mg/Kg-dry	100	11-Oct-2018 14:39
Nickel	21.6		0.0554	0.577	mg/Kg-dry	1	11-Oct-2018 16:22
Potassium	1,560		7.76	57.7	mg/Kg-dry	1	10-Oct-2018 22:34
Selenium	0.843		0.105	0.577	mg/Kg-dry	1	11-Oct-2018 16:22
Silver	0.0727	J	0.0173	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Sodium	137		4.81	57.7	mg/Kg-dry	1	10-Oct-2018 22:34
Thallium		U	0.257	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Vanadium	47.4		0.0866	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
Zinc	61.0		0.196	0.577	mg/Kg-dry	1	10-Oct-2018 22:34
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0191		0.000589	0.00417	mg/Kg-dry	1	11-Oct-2018 13:15
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	16.3		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-52
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,4,5-Trichlorophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,4,6-Trichlorophenol	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,4-Dichlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,4-Dimethylphenol	U		0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	10-Oct-2018 15:18
2,4-Dinitrotoluene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2,6-Dinitrotoluene	U		0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2-Chloronaphthalene	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2-Chlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2-Methylnaphthalene	0.0031	J	0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
2-Methylphenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
2-Nitrophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
3&4-Methylphenol	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
3,3'-Dichlorobenzidine	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
3-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4,6-Dinitro-2-methylphenol	U		0.0025	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Bromophenyl phenyl ether	U		0.0019	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Chloro-3-methylphenol	U		0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Chloroaniline	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Chlorophenyl phenyl ether	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Nitroaniline	U		0.0026	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 15:18
Acenaphthene	U		0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Acenaphthylene	U		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Acetophenone	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Anthracene	U		0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Atrazine	U		0.0024	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Benz(a)anthracene	0.0052		0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Benzaldehyde	U	n	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Benzo(a)pyrene	0.0080		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Benzo(b)fluoranthene	0.0057		0.0014	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Benzo(g,h,i)perylene	0.045		0.00084	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Benzo(k)fluoranthene	0.0075		0.0011	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Bis(2-chloroethoxy)methane	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Bis(2-chloroethyl)ether	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Bis(2-ethylhexyl)phthalate	0.011		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-52
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate		U	0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Caprolactam		U	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Carbazole		U	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Chrysene	0.0064		0.00096	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Dibenz(a,h)anthracene	0.039		0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Dibenzofuran		U	0.00084	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Diethyl phthalate		U	0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Dimethyl phthalate		U	0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Di-n-butyl phthalate	0.0022	J	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Di-n-octyl phthalate		U	0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Fluoranthene		U	0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Fluorene		U	0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Hexachlorobenzene		U	0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Hexachlorobutadiene		U	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Hexachlorocyclopentadiene		U	0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Hexachloroethane		U	0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Indeno(1,2,3-cd)pyrene	0.040		0.00096	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Isophorone		U	0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Naphthalene		U	0.00072	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Nitrobenzene		U	0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
N-Nitrosodi-n-propylamine		U	0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
N-Nitrosodiphenylamine		U	0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Pentachlorophenol		U	0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Phenanthrene	0.0069		0.0018	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
Phenol		U	0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 15:18
Pyrene		U	0.00072	0.0040	mg/Kg-dry	1	10-Oct-2018 15:18
<i>Surr: 2,4,6-Tribromophenol</i>	<i>80.1</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>77.3</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>
<i>Surr: 2-Fluorophenol</i>	<i>52.1</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>88.9</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>
<i>Surr: Nitrobenzene-d5</i>	<i>74.0</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>
<i>Surr: Phenol-d6</i>	<i>64.2</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:18</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-06-52
 Collection Date: 04-Oct-2018 08:59

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-04
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0050	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1221		U	0.0067	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1232		U	0.0054	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1242		U	0.0071	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1248		U	0.0071	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1254		U	0.0056	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Aroclor 1260		U	0.0048	0.020	mg/Kg-dry	1	10-Oct-2018 04:58
Surr: Decachlorobiphenyl	124			54-143	%REC	1	10-Oct-2018 04:58
Surr: Tetrachloro-m-xylene	95.6			50-140	%REC	1	10-Oct-2018 04:58
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	16,900		27.2	235	mg/Kg-dry	100	11-Oct-2018 14:41
Antimony	0.251	J	0.0763	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Arsenic	11.0		0.0822	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Barium	137		0.0352	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Beryllium	0.734		0.0247	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Cadmium	0.453	J	0.0317	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Calcium	186,000		582	5870	mg/Kg-dry	100	11-Oct-2018 14:41
Chromium	19.5		0.0270	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Cobalt	9.12		0.0176	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Copper	28.6		0.0446	0.235	mg/Kg-dry	1	11-Oct-2018 16:24
Iron	13,900		2.15	58.7	mg/Kg-dry	1	10-Oct-2018 22:36
Lead	25.2		0.0153	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Magnesium	2,850		2.95	58.7	mg/Kg-dry	1	10-Oct-2018 22:36
Manganese	1,500		5.05	58.7	mg/Kg-dry	100	11-Oct-2018 14:41
Nickel	22.1		0.0564	0.587	mg/Kg-dry	1	11-Oct-2018 16:24
Potassium	1,620		7.89	58.7	mg/Kg-dry	1	10-Oct-2018 22:36
Selenium	0.552	J	0.107	0.587	mg/Kg-dry	1	11-Oct-2018 16:24
Silver	0.0944	J	0.0176	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Sodium	114		4.90	58.7	mg/Kg-dry	1	10-Oct-2018 22:36
Thallium		U	0.262	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Vanadium	50.4		0.0881	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
Zinc	72.7		0.200	0.587	mg/Kg-dry	1	10-Oct-2018 22:36
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0219		0.000602	0.00426	mg/Kg-dry	1	11-Oct-2018 13:17
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	16.9		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-12-51
 Collection Date: 04-Oct-2018 09:17

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0021	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,4,5-Trichlorophenol	U		0.0030	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,4,6-Trichlorophenol	U		0.0021	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,4-Dichlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,4-Dimethylphenol	U		0.0040	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	10-Oct-2018 15:37
2,4-Dinitrotoluene	U		0.0011	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2,6-Dinitrotoluene	U		0.0040	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2-Chloronaphthalene	U		0.0016	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2-Chlorophenol	U		0.0016	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2-Methylnaphthalene	0.012		0.00061	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
2-Methylphenol	U		0.0013	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
2-Nitrophenol	U		0.0030	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
3&4-Methylphenol	U		0.0012	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
3,3'-Dichlorobenzidine	U		0.0030	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
3-Nitroaniline	U		0.0023	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4,6-Dinitro-2-methylphenol	U		0.0025	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Bromophenyl phenyl ether	U		0.0019	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Chloro-3-methylphenol	U		0.00085	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Chloroaniline	U		0.0013	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Chlorophenyl phenyl ether	U		0.0018	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Nitroaniline	U		0.0027	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 15:37
Acenaphthene	U		0.00061	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Acenaphthylene	U		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Acetophenone	U		0.00097	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Anthracene	U		0.00061	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Atrazine	U		0.0024	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Benz(a)anthracene	U		0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Benzaldehyde	U	n	0.0015	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Benzo(a)pyrene	U		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Benzo(b)fluoranthene	U		0.0015	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Benzo(g,h,i)perylene	U		0.00085	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Benzo(k)fluoranthene	U		0.0011	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Bis(2-chloroethoxy)methane	U		0.0011	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Bis(2-chloroethyl)ether	U		0.0013	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Bis(2-ethylhexyl)phthalate	U		0.0021	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-12-51
 Collection Date: 04-Oct-2018 09:17

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Caprolactam	U		0.0015	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Carbazole	U		0.0015	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Chrysene	U		0.00097	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Dibenz(a,h)anthracene	U		0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Dibenzofuran	U		0.00085	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Diethyl phthalate	U		0.0012	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Dimethyl phthalate	U		0.00097	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Di-n-butyl phthalate	U		0.0015	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Di-n-octyl phthalate	U		0.0011	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Fluoranthene	U		0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Fluorene	0.0038	J	0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Hexachlorobenzene	U		0.0011	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Hexachlorobutadiene	U		0.0015	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Hexachlorocyclopentadiene	U		0.00097	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Hexachloroethane	U		0.0018	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Indeno(1,2,3-cd)pyrene	U		0.00097	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Isophorone	U		0.00097	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Naphthalene	U		0.00073	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Nitrobenzene	U		0.0011	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
N-Nitrosodi-n-propylamine	U		0.0013	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
N-Nitrosodiphenylamine	U		0.00085	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Pentachlorophenol	U		0.0040	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Phenanthrene	0.015		0.0018	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
Phenol	U		0.0013	0.0080	mg/Kg-dry	1	10-Oct-2018 15:37
Pyrene	U		0.00073	0.0040	mg/Kg-dry	1	10-Oct-2018 15:37
<i>Surr: 2,4,6-Tribromophenol</i>	<i>84.3</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>86.5</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>
<i>Surr: 2-Fluorophenol</i>	<i>62.4</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>95.7</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>
<i>Surr: Nitrobenzene-d5</i>	<i>84.6</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>
<i>Surr: Phenol-d6</i>	<i>75.3</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:37</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA29-20181004-12-51
 Collection Date: 04-Oct-2018 09:17

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-05
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0051	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1221		U	0.0068	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1232		U	0.0055	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1242		U	0.0072	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1248		U	0.0072	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1254		U	0.0057	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
Aroclor 1260		U	0.0049	0.020	mg/Kg-dry	1	10-Oct-2018 05:14
<i>Surr: Decachlorobiphenyl</i>	136			54-143	%REC	1	10-Oct-2018 05:14
<i>Surr: Tetrachloro-m-xylene</i>	113			50-140	%REC	1	10-Oct-2018 05:14
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	16,200		26.2	226	mg/Kg-dry	100	11-Oct-2018 14:43
Antimony	0.236	J	0.0734	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Arsenic	12.1		0.0790	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Barium	150		0.0339	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Beryllium	0.681		0.0237	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Cadmium	0.457	J	0.0305	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Calcium	274,000		560	5650	mg/Kg-dry	100	11-Oct-2018 14:43
Chromium	18.1		0.0260	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Cobalt	10.0		0.0169	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Copper	15.5		0.0429	0.226	mg/Kg-dry	1	11-Oct-2018 16:32
Iron	13,900		2.07	56.5	mg/Kg-dry	1	10-Oct-2018 22:39
Lead	68.7		0.0147	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Magnesium	2,380		2.83	56.5	mg/Kg-dry	1	10-Oct-2018 22:39
Manganese	1,590		4.86	56.5	mg/Kg-dry	100	11-Oct-2018 14:43
Nickel	20.7		0.0542	0.565	mg/Kg-dry	1	11-Oct-2018 16:32
Potassium	1,510		7.59	56.5	mg/Kg-dry	1	10-Oct-2018 22:39
Selenium	1.43		0.103	0.565	mg/Kg-dry	1	11-Oct-2018 16:32
Silver	0.0743	J	0.0169	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Sodium	171		4.71	56.5	mg/Kg-dry	1	10-Oct-2018 22:39
Thallium		U	0.252	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Vanadium	50.9		0.0847	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
Zinc	69.9		0.192	0.565	mg/Kg-dry	1	10-Oct-2018 22:39
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0251		0.000605	0.00428	mg/Kg-dry	1	11-Oct-2018 13:19
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	17.9		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-01-51
 Collection Date: 04-Oct-2018 09:31

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0023	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,4,5-Trichlorophenol	U		0.0034	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,4,6-Trichlorophenol	U		0.0023	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,4-Dichlorophenol	U		0.0017	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,4-Dimethylphenol	U		0.0044	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,4-Dinitrophenol	U		0.0061	0.018	mg/Kg-dry	1	10-Oct-2018 15:57
2,4-Dinitrotoluene	U		0.0012	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2,6-Dinitrotoluene	U		0.0044	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2-Chloronaphthalene	U		0.0017	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2-Chlorophenol	U		0.0017	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2-Methylnaphthalene	0.0035	J	0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
2-Methylphenol	U		0.0015	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2-Nitroaniline	U		0.0026	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
2-Nitrophenol	U		0.0034	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
3&4-Methylphenol	U		0.0013	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
3,3'-Dichlorobenzidine	U		0.0034	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
3-Nitroaniline	U		0.0026	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4,6-Dinitro-2-methylphenol	U		0.0028	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Bromophenyl phenyl ether	U		0.0022	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Chloro-3-methylphenol	U		0.00094	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Chloroaniline	U		0.0015	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Chlorophenyl phenyl ether	U		0.0020	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Nitroaniline	U		0.0030	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
4-Nitrophenol	U		0.0026	0.018	mg/Kg-dry	1	10-Oct-2018 15:57
Acenaphthene	U		0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Acenaphthylene	U		0.0013	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Acetophenone	U		0.0011	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Anthracene	U		0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Atrazine	U		0.0027	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Benz(a)anthracene	0.0034	J	0.0022	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Benzaldehyde	U	n	0.0016	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Benzo(a)pyrene	U		0.0013	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Benzo(b)fluoranthene	U		0.0016	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Benzo(g,h,i)perylene	U		0.00094	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Benzo(k)fluoranthene	U		0.0012	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Bis(2-chloro-1-methylethyl) ether	U		0.0019	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Bis(2-chloroethoxy)methane	U		0.0012	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Bis(2-chloroethyl)ether	U		0.0015	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Bis(2-ethylhexyl)phthalate	0.0068	J	0.0023	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-01-51
 Collection Date: 04-Oct-2018 09:31

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate		U	0.0017	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Caprolactam		U	0.0016	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Carbazole		U	0.0016	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Chrysene	0.0032	J	0.0011	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Dibenz(a,h)anthracene		U	0.0022	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Dibenzofuran		U	0.00094	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Diethyl phthalate		U	0.0013	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Dimethyl phthalate		U	0.0011	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Di-n-butyl phthalate		U	0.0016	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Di-n-octyl phthalate		U	0.0012	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Fluoranthene		U	0.0015	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Fluorene		U	0.0015	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Hexachlorobenzene		U	0.0012	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Hexachlorobutadiene		U	0.0016	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Hexachlorocyclopentadiene		U	0.0011	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Hexachloroethane		U	0.0020	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Indeno(1,2,3-cd)pyrene		U	0.0011	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Isophorone		U	0.0011	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Naphthalene		U	0.00081	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Nitrobenzene		U	0.0012	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
N-Nitrosodi-n-propylamine		U	0.0015	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
N-Nitrosodiphenylamine		U	0.00094	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Pentachlorophenol		U	0.0044	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Phenanthrene	0.012		0.0020	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
Phenol		U	0.0015	0.0089	mg/Kg-dry	1	10-Oct-2018 15:57
Pyrene		U	0.00081	0.0044	mg/Kg-dry	1	10-Oct-2018 15:57
<i>Surr: 2,4,6-Tribromophenol</i>	<i>74.8</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>76.8</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>
<i>Surr: 2-Fluorophenol</i>	<i>55.5</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>87.8</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>
<i>Surr: Nitrobenzene-d5</i>	<i>76.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>
<i>Surr: Phenol-d6</i>	<i>65.4</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 15:57</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-01-51
 Collection Date: 04-Oct-2018 09:31

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-06
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0056	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1221		U	0.0075	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1232		U	0.0060	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1242		U	0.0079	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1248		U	0.0079	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1254		U	0.0063	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
Aroclor 1260		U	0.0054	0.022	mg/Kg-dry	1	10-Oct-2018 06:48
<i>Surr: Decachlorobiphenyl</i>	136			54-143	%REC	1	10-Oct-2018 06:48
<i>Surr: Tetrachloro-m-xylene</i>	115			50-140	%REC	1	10-Oct-2018 06:48
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	9,320		29.5	255	mg/Kg-dry	100	11-Oct-2018 14:45
Antimony	0.289	J	0.0827	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Arsenic	11.5		0.0891	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Barium	100		0.0382	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Beryllium	0.557	J	0.0267	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Cadmium	0.507	J	0.0344	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Calcium	219,000		631	6360	mg/Kg-dry	100	11-Oct-2018 14:45
Chromium	13.8		0.0293	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Cobalt	6.56		0.0191	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Copper	19.7		0.0484	0.255	mg/Kg-dry	1	11-Oct-2018 16:34
Iron	11,400		2.33	63.6	mg/Kg-dry	1	10-Oct-2018 22:41
Lead	32.4		0.0165	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Magnesium	3,410		3.20	63.6	mg/Kg-dry	1	10-Oct-2018 22:41
Manganese	1,070		5.47	63.6	mg/Kg-dry	100	11-Oct-2018 14:45
Nickel	16.8		0.0611	0.636	mg/Kg-dry	1	11-Oct-2018 16:34
Potassium	1,450		8.55	63.6	mg/Kg-dry	1	10-Oct-2018 22:41
Selenium	0.878		0.116	0.636	mg/Kg-dry	1	11-Oct-2018 16:34
Silver	0.0831	J	0.0191	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Sodium	308		5.31	63.6	mg/Kg-dry	1	10-Oct-2018 22:41
Thallium		U	0.284	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Vanadium	34.9		0.0955	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
Zinc	81.2		0.216	0.636	mg/Kg-dry	1	10-Oct-2018 22:41
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0299		0.000658	0.00465	mg/Kg-dry	1	11-Oct-2018 13:21
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	26.0		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-06-51
 Collection Date: 04-Oct-2018 09:51

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,4,5-Trichlorophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,4,6-Trichlorophenol	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,4-Dichlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,4-Dimethylphenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	10-Oct-2018 16:17
2,4-Dinitrotoluene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2,6-Dinitrotoluene	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2-Chloronaphthalene	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2-Chlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2-Methylnaphthalene	0.0021	J	0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
2-Methylphenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
2-Nitrophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
3&4-Methylphenol	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
3,3'-Dichlorobenzidine	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
3-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4,6-Dinitro-2-methylphenol	U		0.0026	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Bromophenyl phenyl ether	U		0.0020	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Chloro-3-methylphenol	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Chloroaniline	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Chlorophenyl phenyl ether	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Nitroaniline	U		0.0027	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 16:17
Acenaphthene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Acetophenone	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Anthracene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Atrazine	U		0.0025	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Benz(a)anthracene	0.0041		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Benzaldehyde	U	n	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Benzo(a)pyrene	0.011		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Benzo(b)fluoranthene	0.0099		0.0015	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Benzo(g,h,i)perylene	0.019		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Benzo(k)fluoranthene	0.011		0.0011	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Bis(2-chloroethoxy)methane	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Bis(2-chloroethyl)ether	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Bis(2-ethylhexyl)phthalate	0.022		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-06-51
 Collection Date: 04-Oct-2018 09:51

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Caprolactam	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Carbazole	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Chrysene	0.0090		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Dibenz(a,h)anthracene	0.017		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Dibenzofuran	U		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Diethyl phthalate	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Dimethyl phthalate	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Di-n-butyl phthalate	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Di-n-octyl phthalate	0.021		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Fluoranthene	U		0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Hexachlorobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Hexachlorobutadiene	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Hexachlorocyclopentadiene	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Hexachloroethane	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Indeno(1,2,3-cd)pyrene	0.020		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Isophorone	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Naphthalene	U		0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Nitrobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
N-Nitrosodi-n-propylamine	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
N-Nitrosodiphenylamine	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Pentachlorophenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Phenanthrene	0.0075		0.0018	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
Phenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:17
Pyrene	U		0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 16:17
<i>Surr: 2,4,6-Tribromophenol</i>	<i>75.0</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>65.9</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>
<i>Surr: 2-Fluorophenol</i>	<i>50.1</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>87.7</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>
<i>Surr: Nitrobenzene-d5</i>	<i>58.4</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>
<i>Surr: Phenol-d6</i>	<i>54.1</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:17</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-06-51
 Collection Date: 04-Oct-2018 09:51

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-07
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0051	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1221		U	0.0069	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1232		U	0.0055	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1242		U	0.0072	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1248		U	0.0072	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1254		U	0.0058	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Aroclor 1260		U	0.0049	0.020	mg/Kg-dry	1	10-Oct-2018 07:04
Surr: Decachlorobiphenyl	128			54-143	%REC	1	10-Oct-2018 07:04
Surr: Tetrachloro-m-xylene	109			50-140	%REC	1	10-Oct-2018 07:04
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	12,400		26.2	226	mg/Kg-dry	100	11-Oct-2018 14:48
Antimony	0.389	J	0.0735	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Arsenic	53.6		0.0792	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Barium	101		0.0339	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Beryllium	0.564	J	0.0238	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Cadmium	0.512	J	0.0305	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Calcium	248,000		561	5660	mg/Kg-dry	100	11-Oct-2018 14:48
Chromium	14.3		0.0260	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Cobalt	6.35		0.0170	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Copper	16.6		0.0430	0.226	mg/Kg-dry	1	11-Oct-2018 16:36
Iron	11,000		2.07	56.6	mg/Kg-dry	1	10-Oct-2018 22:43
Lead	60.1		0.0147	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Magnesium	2,520		2.84	56.6	mg/Kg-dry	1	10-Oct-2018 22:43
Manganese	1,160		4.86	56.6	mg/Kg-dry	100	11-Oct-2018 14:48
Nickel	17.4		0.0543	0.566	mg/Kg-dry	1	11-Oct-2018 16:36
Potassium	1,190		7.60	56.6	mg/Kg-dry	1	10-Oct-2018 22:43
Selenium	0.613		0.103	0.566	mg/Kg-dry	1	11-Oct-2018 16:36
Silver	0.0760	J	0.0170	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Sodium	318		4.72	56.6	mg/Kg-dry	1	10-Oct-2018 22:43
Thallium		U	0.252	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Vanadium	37.8		0.0848	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
Zinc	63.8		0.192	0.566	mg/Kg-dry	1	10-Oct-2018 22:43
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0278		0.000606	0.00429	mg/Kg-dry	1	11-Oct-2018 13:22
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	18.7		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-12-51
 Collection Date: 04-Oct-2018 10:05

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,4,5-Trichlorophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,4,6-Trichlorophenol	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,4-Dichlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,4-Dimethylphenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	10-Oct-2018 16:36
2,4-Dinitrotoluene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2,6-Dinitrotoluene	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2-Chloronaphthalene	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2-Chlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2-Methylnaphthalene	0.0060		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
2-Methylphenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
2-Nitrophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
3&4-Methylphenol	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
3,3'-Dichlorobenzidine	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
3-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4,6-Dinitro-2-methylphenol	U		0.0026	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Bromophenyl phenyl ether	U		0.0020	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Chloro-3-methylphenol	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Chloroaniline	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Chlorophenyl phenyl ether	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Nitroaniline	U		0.0027	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 16:36
Acenaphthene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Acetophenone	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Anthracene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Atrazine	U		0.0025	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Benz(a)anthracene	0.0033	J	0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Benzaldehyde	U	n	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Benzo(a)pyrene	0.0030	J	0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Benzo(b)fluoranthene	0.0043		0.0015	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Benzo(g,h,i)perylene	0.019		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Benzo(k)fluoranthene	0.0027	J	0.0011	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Bis(2-chloroethoxy)methane	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Bis(2-chloroethyl)ether	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Bis(2-ethylhexyl)phthalate	0.024		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-12-51
 Collection Date: 04-Oct-2018 10:05

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate		U	0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Caprolactam		U	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Carbazole		U	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Chrysene	0.015		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Dibenz(a,h)anthracene	0.018		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Dibenzofuran		U	0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Diethyl phthalate		U	0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Dimethyl phthalate		U	0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Di-n-butyl phthalate		U	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Di-n-octyl phthalate	0.026		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Fluoranthene		U	0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Fluorene		U	0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Hexachlorobenzene		U	0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Hexachlorobutadiene		U	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Hexachlorocyclopentadiene		U	0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Hexachloroethane		U	0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Indeno(1,2,3-cd)pyrene	0.016		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Isophorone		U	0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Naphthalene		U	0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Nitrobenzene		U	0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
N-Nitrosodi-n-propylamine		U	0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
N-Nitrosodiphenylamine		U	0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Pentachlorophenol		U	0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Phenanthrene	0.018		0.0018	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
Phenol		U	0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 16:36
Pyrene		U	0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 16:36
<i>Surr: 2,4,6-Tribromophenol</i>	<i>72.4</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>71.1</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>
<i>Surr: 2-Fluorophenol</i>	<i>53.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>85.7</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>
<i>Surr: Nitrobenzene-d5</i>	<i>69.7</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>
<i>Surr: Phenol-d6</i>	<i>60.7</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:36</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA30-20181004-12-51
 Collection Date: 04-Oct-2018 10:05

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-08
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0052	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1221		U	0.0069	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1232		U	0.0055	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1242		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1248		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1254		U	0.0058	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
Aroclor 1260		U	0.0049	0.021	mg/Kg-dry	1	10-Oct-2018 07:20
<i>Surr: Decachlorobiphenyl</i>	137			54-143	%REC	1	10-Oct-2018 07:20
<i>Surr: Tetrachloro-m-xylene</i>	111			50-140	%REC	1	10-Oct-2018 07:20
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	14,900		26.2	226	mg/Kg-dry	100	11-Oct-2018 14:57
Antimony	0.228	J	0.0733	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Arsenic	33.9		0.0789	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Barium	113		0.0338	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Beryllium	0.622		0.0237	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Cadmium	0.394	J	0.0304	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Calcium	237,000		559	5640	mg/Kg-dry	100	11-Oct-2018 14:57
Chromium	17.7		0.0259	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Cobalt	7.12		0.0169	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Copper	13.4		0.0429	0.226	mg/Kg-dry	1	11-Oct-2018 16:38
Iron	11,700		2.06	56.4	mg/Kg-dry	1	10-Oct-2018 22:45
Lead	31.6		0.0147	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Magnesium	2,470		2.83	56.4	mg/Kg-dry	1	10-Oct-2018 22:45
Manganese	1,270		4.85	56.4	mg/Kg-dry	100	11-Oct-2018 14:57
Nickel	20.2		0.0541	0.564	mg/Kg-dry	1	11-Oct-2018 16:38
Potassium	1,370		7.58	56.4	mg/Kg-dry	1	10-Oct-2018 22:45
Selenium	0.590		0.103	0.564	mg/Kg-dry	1	11-Oct-2018 16:38
Silver	0.0774	J	0.0169	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Sodium	435		4.70	56.4	mg/Kg-dry	1	10-Oct-2018 22:45
Thallium		U	0.251	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Vanadium	47.2		0.0846	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
Zinc	50.9		0.192	0.564	mg/Kg-dry	1	10-Oct-2018 22:45
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0273		0.000610	0.00432	mg/Kg-dry	1	11-Oct-2018 13:24
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	18.8		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-01-51
 Collection Date: 04-Oct-2018 10:40

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,4,5-Trichlorophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,4,6-Trichlorophenol	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,4-Dichlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,4-Dimethylphenol	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	10-Oct-2018 16:56
2,4-Dinitrotoluene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2,6-Dinitrotoluene	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2-Chloronaphthalene	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2-Chlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2-Methylnaphthalene	0.0025	J	0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
2-Methylphenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
2-Nitrophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
3&4-Methylphenol	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
3,3'-Dichlorobenzidine	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
3-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4,6-Dinitro-2-methylphenol	U		0.0025	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Bromophenyl phenyl ether	U		0.0019	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Chloro-3-methylphenol	U		0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Chloroaniline	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Chlorophenyl phenyl ether	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Nitroaniline	U		0.0026	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 16:56
Acenaphthene	U		0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Acenaphthylene	U		0.0012	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Acetophenone	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Anthracene	U		0.00060	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Atrazine	U		0.0024	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Benz(a)anthracene	0.0038	J	0.0019	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Benzaldehyde	U	n	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Benzo(a)pyrene	U		0.0012	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Benzo(b)fluoranthene	U		0.0014	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Benzo(g,h,i)perylene	U		0.00084	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Benzo(k)fluoranthene	U		0.0011	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Bis(2-chloroethoxy)methane	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Bis(2-chloroethyl)ether	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Bis(2-ethylhexyl)phthalate	0.0081		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-01-51
 Collection Date: 04-Oct-2018 10:40

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Caprolactam	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Carbazole	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Chrysene	0.0031	J	0.00096	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Dibenz(a,h)anthracene	U		0.0019	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Dibenzofuran	U		0.00084	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Diethyl phthalate	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Dimethyl phthalate	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Di-n-butyl phthalate	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Di-n-octyl phthalate	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Fluoranthene	U		0.0013	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Fluorene	U		0.0013	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Hexachlorobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Hexachlorobutadiene	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Hexachlorocyclopentadiene	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Hexachloroethane	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Indeno(1,2,3-cd)pyrene	U		0.00096	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Isophorone	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Naphthalene	U		0.00072	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Nitrobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
N-Nitrosodi-n-propylamine	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
N-Nitrosodiphenylamine	U		0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Pentachlorophenol	U		0.0039	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Phenanthrene	0.0081		0.0018	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
Phenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 16:56
Pyrene	U		0.00072	0.0039	mg/Kg-dry	1	10-Oct-2018 16:56
<i>Surr: 2,4,6-Tribromophenol</i>	<i>65.0</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>61.9</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>
<i>Surr: 2-Fluorophenol</i>	<i>49.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>78.6</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>
<i>Surr: Nitrobenzene-d5</i>	<i>62.2</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>
<i>Surr: Phenol-d6</i>	<i>55.8</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 16:56</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-01-51
 Collection Date: 04-Oct-2018 10:40

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-09
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0050	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1221		U	0.0067	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1232		U	0.0054	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1242		U	0.0070	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1248		U	0.0070	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1254		U	0.0056	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
Aroclor 1260		U	0.0048	0.020	mg/Kg-dry	1	10-Oct-2018 07:35
<i>Surr: Decachlorobiphenyl</i>	137			54-143	%REC	1	10-Oct-2018 07:35
<i>Surr: Tetrachloro-m-xylene</i>	118			50-140	%REC	1	10-Oct-2018 07:35
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	10,900		26.4	227	mg/Kg-dry	100	11-Oct-2018 14:59
Antimony	0.108	J	0.0738	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Arsenic	3.34		0.0795	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Barium	102		0.0341	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Beryllium	0.540	J	0.0239	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Cadmium	0.111	J	0.0307	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Calcium	54,100		563	5680	mg/Kg-dry	100	11-Oct-2018 14:59
Chromium	12.7		0.0261	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Cobalt	4.15		0.0170	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Copper	8.81		0.0432	0.227	mg/Kg-dry	1	11-Oct-2018 16:40
Iron	9,860		2.08	56.8	mg/Kg-dry	1	10-Oct-2018 22:47
Lead	9.57		0.0148	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Magnesium	6,020		2.85	56.8	mg/Kg-dry	1	10-Oct-2018 22:47
Manganese	372		4.88	56.8	mg/Kg-dry	100	11-Oct-2018 14:59
Nickel	10.8		0.0545	0.568	mg/Kg-dry	1	11-Oct-2018 16:40
Potassium	2,440		7.63	56.8	mg/Kg-dry	1	10-Oct-2018 22:47
Selenium	0.455	J	0.103	0.568	mg/Kg-dry	1	11-Oct-2018 16:40
Silver	0.0366	J	0.0170	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Sodium	89.6		4.74	56.8	mg/Kg-dry	1	10-Oct-2018 22:47
Thallium		U	0.253	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Vanadium	20.3		0.0852	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
Zinc	34.3		0.193	0.568	mg/Kg-dry	1	10-Oct-2018 22:47
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0119		0.000604	0.00428	mg/Kg-dry	1	11-Oct-2018 13:26
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	16.5		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-06-51
 Collection Date: 04-Oct-2018 11:05

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,4,5-Trichlorophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,4,6-Trichlorophenol	U		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,4-Dichlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,4-Dimethylphenol	U		0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,4-Dinitrophenol	U		0.0054	0.016	mg/Kg-dry	1	10-Oct-2018 17:15
2,4-Dinitrotoluene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2,6-Dinitrotoluene	U		0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2-Chloronaphthalene	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2-Chlorophenol	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2-Methylnaphthalene	0.018		0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
2-Methylphenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
2-Nitrophenol	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
3&4-Methylphenol	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
3,3'-Dichlorobenzidine	U		0.0030	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
3-Nitroaniline	U		0.0023	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4,6-Dinitro-2-methylphenol	U		0.0025	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Bromophenyl phenyl ether	U		0.0019	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Chloro-3-methylphenol	U		0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Chloroaniline	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Chlorophenyl phenyl ether	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Nitroaniline	U		0.0026	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 17:15
Acenaphthene	U		0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Acenaphthylene	U		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Acetophenone	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Anthracene	U		0.00060	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Atrazine	U		0.0024	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Benz(a)anthracene	0.0026	J	0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Benzaldehyde	U	n	0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Benzo(a)pyrene	U		0.0012	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Benzo(b)fluoranthene	U		0.0014	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Benzo(g,h,i)perylene	U		0.00084	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Benzo(k)fluoranthene	U		0.0011	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Bis(2-chloroethoxy)methane	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Bis(2-chloroethyl)ether	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Bis(2-ethylhexyl)phthalate	0.0091		0.0020	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-06-51
 Collection Date: 04-Oct-2018 11:05

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Caprolactam	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Carbazole	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Chrysene	0.012		0.00096	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Dibenz(a,h)anthracene	U		0.0019	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Dibenzofuran	U		0.00084	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Diethyl phthalate	U		0.0012	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Dimethyl phthalate	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Di-n-butyl phthalate	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Di-n-octyl phthalate	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Fluoranthene	U		0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Fluorene	U		0.0013	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Hexachlorobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Hexachlorobutadiene	U		0.0014	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Hexachlorocyclopentadiene	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Hexachloroethane	U		0.0018	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Indeno(1,2,3-cd)pyrene	U		0.00096	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Isophorone	U		0.00096	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Naphthalene	U		0.00072	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Nitrobenzene	U		0.0011	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
N-Nitrosodi-n-propylamine	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
N-Nitrosodiphenylamine	U		0.00084	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Pentachlorophenol	U		0.0040	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Phenanthrene	0.024		0.0018	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
Phenol	U		0.0013	0.0079	mg/Kg-dry	1	10-Oct-2018 17:15
Pyrene	U		0.00072	0.0040	mg/Kg-dry	1	10-Oct-2018 17:15
<i>Surr: 2,4,6-Tribromophenol</i>	<i>77.0</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>77.6</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>
<i>Surr: 2-Fluorophenol</i>	<i>62.5</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>87.6</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>
<i>Surr: Nitrobenzene-d5</i>	<i>77.8</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>
<i>Surr: Phenol-d6</i>	<i>69.3</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:15</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-06-51
 Collection Date: 04-Oct-2018 11:05

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-10
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0050	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1221		U	0.0067	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1232		U	0.0054	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1242		U	0.0071	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1248		U	0.0071	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1254		U	0.0056	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
Aroclor 1260		U	0.0048	0.020	mg/Kg-dry	1	10-Oct-2018 07:51
<i>Surr: Decachlorobiphenyl</i>	130			54-143	%REC	1	10-Oct-2018 07:51
<i>Surr: Tetrachloro-m-xylene</i>	131			50-140	%REC	1	10-Oct-2018 07:51
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JDE	
Aluminum	19,900		135	1160	mg/Kg-dry	500	11-Oct-2018 16:37
Antimony	0.200	J	0.0757	0.582	mg/Kg-dry	1	11-Oct-2018 16:43
Arsenic	7.83		0.0815	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Barium	148		0.0349	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Beryllium	0.833		0.0244	0.582	mg/Kg-dry	1	11-Oct-2018 16:43
Cadmium	0.285	J	0.0314	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Calcium	125,000		577	5820	mg/Kg-dry	100	11-Oct-2018 15:01
Chromium	25.3		0.0268	0.582	mg/Kg-dry	1	11-Oct-2018 16:43
Cobalt	6.41		0.0175	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Copper	17.5		0.0442	0.233	mg/Kg-dry	1	11-Oct-2018 16:43
Iron	14,800		2.13	58.2	mg/Kg-dry	1	10-Oct-2018 22:54
Lead	24.4		0.0151	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Magnesium	4,450		2.92	58.2	mg/Kg-dry	1	11-Oct-2018 16:43
Manganese	755		5.01	58.2	mg/Kg-dry	100	11-Oct-2018 15:01
Nickel	18.3		0.0559	0.582	mg/Kg-dry	1	11-Oct-2018 16:43
Potassium	2,310		7.82	58.2	mg/Kg-dry	1	11-Oct-2018 16:43
Selenium	0.678		0.106	0.582	mg/Kg-dry	1	11-Oct-2018 16:43
Silver	0.0661	J	0.0175	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Sodium	113		4.85	58.2	mg/Kg-dry	1	11-Oct-2018 16:43
Thallium		U	0.260	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Vanadium	43.9		0.0873	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
Zinc	59.0		0.198	0.582	mg/Kg-dry	1	10-Oct-2018 22:54
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0113		0.000603	0.00427	mg/Kg-dry	1	11-Oct-2018 13:36
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	17.2		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,4,5-Trichlorophenol	U		0.0033	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,4,6-Trichlorophenol	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,4-Dichlorophenol	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,4-Dimethylphenol	U		0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,4-Dinitrophenol	U		0.0059	0.017	mg/Kg-dry	1	10-Oct-2018 17:35
2,4-Dinitrotoluene	U		0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2,6-Dinitrotoluene	U		0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2-Chloronaphthalene	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2-Chlorophenol	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2-Methylnaphthalene	0.0064		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
2-Methylphenol	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2-Nitroaniline	U		0.0025	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
2-Nitrophenol	U		0.0033	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
3&4-Methylphenol	U		0.0013	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
3,3'-Dichlorobenzidine	U		0.0033	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
3-Nitroaniline	U		0.0025	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4,6-Dinitro-2-methylphenol	U		0.0027	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Bromophenyl phenyl ether	U		0.0021	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Chloro-3-methylphenol	U		0.00092	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Chloroaniline	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Chlorophenyl phenyl ether	U		0.0020	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Nitroaniline	U		0.0029	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
4-Nitrophenol	U		0.0025	0.017	mg/Kg-dry	1	10-Oct-2018 17:35
Acenaphthene	U		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Acenaphthylene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Acetophenone	U		0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Anthracene	U		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Atrazine	U		0.0026	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Benz(a)anthracene	0.0091		0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Benzaldehyde	U	n	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Benzo(a)pyrene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Benzo(b)fluoranthene	U		0.0016	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Benzo(g,h,i)perylene	U		0.00092	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Benzo(k)fluoranthene	U		0.0012	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Bis(2-chloro-1-methylethyl) ether	U		0.0018	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Bis(2-chloroethoxy)methane	U		0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Bis(2-chloroethyl)ether	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Bis(2-ethylhexyl)phthalate	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate		U	0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Caprolactam		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Carbazole		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Chrysene	0.0048		0.0010	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Dibenz(a,h)anthracene		U	0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Dibenzofuran		U	0.00092	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Diethyl phthalate		U	0.0013	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Dimethyl phthalate		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Di-n-butyl phthalate		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Di-n-octyl phthalate		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Fluoranthene		U	0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Fluorene		U	0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Hexachlorobenzene		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Hexachlorobutadiene		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Hexachlorocyclopentadiene		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Hexachloroethane		U	0.0020	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Indeno(1,2,3-cd)pyrene		U	0.0010	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Isophorone		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Naphthalene		U	0.00078	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Nitrobenzene		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
N-Nitrosodi-n-propylamine		U	0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
N-Nitrosodiphenylamine		U	0.00092	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Pentachlorophenol		U	0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Phenanthrene	0.019		0.0020	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
Phenol		U	0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:35
Pyrene		U	0.00078	0.0043	mg/Kg-dry	1	10-Oct-2018 17:35
<i>Surr: 2,4,6-Tribromophenol</i>	<i>77.0</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>72.9</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>
<i>Surr: 2-Fluorophenol</i>	<i>48.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>87.1</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>
<i>Surr: Nitrobenzene-d5</i>	<i>68.3</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>
<i>Surr: Phenol-d6</i>	<i>60.6</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:35</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA31-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-11
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0055	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1221		U	0.0073	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1232		U	0.0059	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1242		U	0.0077	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1248		U	0.0077	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1254		U	0.0061	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
Aroclor 1260		U	0.0052	0.022	mg/Kg-dry	1	10-Oct-2018 08:07
<i>Surr: Decachlorobiphenyl</i>	134			54-143	%REC	1	10-Oct-2018 08:07
<i>Surr: Tetrachloro-m-xylene</i>	115			50-140	%REC	1	10-Oct-2018 08:07
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JDE	
Aluminum	28,800		140	1210	mg/Kg-dry	500	11-Oct-2018 16:39
Antimony	0.129	J	0.0786	0.605	mg/Kg-dry	1	11-Oct-2018 16:45
Arsenic	5.07		0.0847	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Barium	225		3.63	60.5	mg/Kg-dry	100	11-Oct-2018 15:04
Beryllium	1.31		0.0254	0.605	mg/Kg-dry	1	11-Oct-2018 16:45
Cadmium	0.299	J	0.0327	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Calcium	62,700		600	6050	mg/Kg-dry	100	11-Oct-2018 15:04
Chromium	36.1		0.0278	0.605	mg/Kg-dry	1	11-Oct-2018 16:45
Cobalt	7.34		0.0181	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Copper	14.1		0.0460	0.242	mg/Kg-dry	1	11-Oct-2018 16:45
Iron	21,400		2.21	60.5	mg/Kg-dry	1	10-Oct-2018 22:56
Lead	20.1		0.0157	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Magnesium	4,800		3.04	60.5	mg/Kg-dry	1	11-Oct-2018 16:45
Manganese	711		5.20	60.5	mg/Kg-dry	100	11-Oct-2018 15:04
Nickel	23.8		0.0580	0.605	mg/Kg-dry	1	11-Oct-2018 16:45
Potassium	2,670		8.13	60.5	mg/Kg-dry	1	11-Oct-2018 16:45
Selenium	0.606		0.110	0.605	mg/Kg-dry	1	11-Oct-2018 16:45
Silver	0.123	J	0.0181	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Sodium	78.7		5.04	60.5	mg/Kg-dry	1	11-Oct-2018 16:45
Thallium		U	0.270	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Vanadium	58.9		0.0907	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
Zinc	62.7		0.206	0.605	mg/Kg-dry	1	10-Oct-2018 22:56
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0292		0.000646	0.00457	mg/Kg-dry	1	11-Oct-2018 13:38
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	24.0		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-01-51
 Collection Date: 04-Oct-2018 10:45

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,4,5-Trichlorophenol	U		0.0032	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,4,6-Trichlorophenol	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,4-Dichlorophenol	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,4-Dimethylphenol	U		0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,4-Dinitrophenol	U		0.0058	0.017	mg/Kg-dry	1	10-Oct-2018 17:55
2,4-Dinitrotoluene	U		0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2,6-Dinitrotoluene	U		0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2-Chloronaphthalene	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2-Chlorophenol	U		0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2-Methylnaphthalene	0.011		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
2-Methylphenol	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2-Nitroaniline	U		0.0025	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
2-Nitrophenol	U		0.0032	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
3&4-Methylphenol	U		0.0013	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
3,3'-Dichlorobenzidine	U		0.0032	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
3-Nitroaniline	U		0.0025	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4,6-Dinitro-2-methylphenol	U		0.0027	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Bromophenyl phenyl ether	U		0.0021	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Chloro-3-methylphenol	U		0.00091	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Chloroaniline	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Chlorophenyl phenyl ether	U		0.0019	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Nitroaniline	U		0.0029	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
4-Nitrophenol	U		0.0025	0.017	mg/Kg-dry	1	10-Oct-2018 17:55
Acenaphthene	U		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Acenaphthylene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Acetophenone	U		0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Anthracene	U		0.00065	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Atrazine	U		0.0026	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Benz(a)anthracene	0.015		0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Benzaldehyde	U	n	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Benzo(a)pyrene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Benzo(b)fluoranthene	0.0021	J	0.0016	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Benzo(g,h,i)perylene	U		0.00091	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Benzo(k)fluoranthene	U		0.0012	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Bis(2-chloro-1-methylethyl) ether	U		0.0018	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Bis(2-chloroethoxy)methane	U		0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Bis(2-chloroethyl)ether	U		0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Bis(2-ethylhexyl)phthalate	U		0.0022	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-01-51
 Collection Date: 04-Oct-2018 10:45

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D	Method:SW8270				Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate		U	0.0017	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Caprolactam		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Carbazole		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Chrysene	0.0099		0.0010	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Dibenz(a,h)anthracene		U	0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Dibenzofuran		U	0.00091	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Diethyl phthalate		U	0.0013	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Dimethyl phthalate		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Di-n-butyl phthalate		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Di-n-octyl phthalate		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Fluoranthene		U	0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Fluorene		U	0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Hexachlorobenzene		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Hexachlorobutadiene		U	0.0016	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Hexachlorocyclopentadiene		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Hexachloroethane		U	0.0019	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Indeno(1,2,3-cd)pyrene		U	0.0010	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Isophorone		U	0.0010	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Naphthalene	0.0026	J	0.00078	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Nitrobenzene		U	0.0012	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
N-Nitrosodi-n-propylamine		U	0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
N-Nitrosodiphenylamine		U	0.00091	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Pentachlorophenol		U	0.0043	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Phenanthrene	0.045		0.0019	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
Phenol		U	0.0014	0.0086	mg/Kg-dry	1	10-Oct-2018 17:55
Pyrene		U	0.00078	0.0043	mg/Kg-dry	1	10-Oct-2018 17:55
<i>Surr: 2,4,6-Tribromophenol</i>	<i>86.1</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>80.4</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>
<i>Surr: 2-Fluorophenol</i>	<i>60.9</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>91.1</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>
<i>Surr: Nitrobenzene-d5</i>	<i>78.4</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>
<i>Surr: Phenol-d6</i>	<i>69.5</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 17:55</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-01-51
 Collection Date: 04-Oct-2018 10:45

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-12
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0054	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1221		U	0.0073	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1232		U	0.0058	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1242		U	0.0077	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1248		U	0.0077	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1254		U	0.0061	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Aroclor 1260		U	0.0052	0.022	mg/Kg-dry	1	10-Oct-2018 08:22
Surr: Decachlorobiphenyl	124			54-143	%REC	1	10-Oct-2018 08:22
Surr: Tetrachloro-m-xylene	91.5			50-140	%REC	1	10-Oct-2018 08:22
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	7,330		29.2	252	mg/Kg-dry	100	11-Oct-2018 15:06
Antimony	0.227	J	0.0818	0.629	mg/Kg-dry	1	11-Oct-2018 16:47
Arsenic	6.04		0.0881	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Barium	105		0.0378	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Beryllium	0.403	J	0.0264	0.629	mg/Kg-dry	1	11-Oct-2018 16:47
Cadmium	0.518	J	0.0340	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Calcium	213,000		624	6290	mg/Kg-dry	100	11-Oct-2018 15:06
Chromium	13.6		0.0289	0.629	mg/Kg-dry	1	11-Oct-2018 16:47
Cobalt	5.30		0.0189	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Copper	34.2		0.0478	0.252	mg/Kg-dry	1	11-Oct-2018 16:47
Iron	9,160		2.30	62.9	mg/Kg-dry	1	10-Oct-2018 22:58
Lead	34.4		0.0164	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Magnesium	4,070		3.16	62.9	mg/Kg-dry	1	11-Oct-2018 16:47
Manganese	785		5.41	62.9	mg/Kg-dry	100	11-Oct-2018 15:06
Nickel	12.9		0.0604	0.629	mg/Kg-dry	1	11-Oct-2018 16:47
Potassium	2,040		8.46	62.9	mg/Kg-dry	1	11-Oct-2018 16:47
Selenium	0.529	J	0.115	0.629	mg/Kg-dry	1	11-Oct-2018 16:47
Silver	0.0642	J	0.0189	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Sodium	232		5.25	62.9	mg/Kg-dry	1	11-Oct-2018 16:47
Thallium		U	0.281	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Vanadium	26.3		0.0944	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
Zinc	107		0.214	0.629	mg/Kg-dry	1	10-Oct-2018 22:58
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0317		0.000648	0.00458	mg/Kg-dry	1	11-Oct-2018 13:40
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	23.2		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-51
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0023	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,4,5-Trichlorophenol	U		0.0033	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,4,6-Trichlorophenol	U		0.0023	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,4-Dichlorophenol	U		0.0017	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,4-Dimethylphenol	U		0.0044	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,4-Dinitrophenol	U		0.0060	0.018	mg/Kg-dry	1	10-Oct-2018 18:14
2,4-Dinitrotoluene	U		0.0012	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2,6-Dinitrotoluene	U		0.0044	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2-Chloronaphthalene	U		0.0017	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2-Chlorophenol	U		0.0017	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2-Methylnaphthalene	0.0058		0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
2-Methylphenol	U		0.0015	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2-Nitroaniline	U		0.0025	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
2-Nitrophenol	U		0.0033	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
3&4-Methylphenol	U		0.0013	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
3,3'-Dichlorobenzidine	U		0.0033	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
3-Nitroaniline	U		0.0025	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4,6-Dinitro-2-methylphenol	U		0.0028	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Bromophenyl phenyl ether	U		0.0021	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Chloro-3-methylphenol	U		0.00093	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Chloroaniline	U		0.0015	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Chlorophenyl phenyl ether	U		0.0020	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Nitroaniline	U		0.0029	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
4-Nitrophenol	U		0.0025	0.018	mg/Kg-dry	1	10-Oct-2018 18:14
Acenaphthene	U		0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Acenaphthylene	0.0022	J	0.0013	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Acetophenone	U		0.0011	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Anthracene	U		0.00067	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Atrazine	U		0.0027	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Benz(a)anthracene	U		0.0021	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Benzaldehyde	U	n	0.0016	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Benzo(a)pyrene	U		0.0013	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Benzo(b)fluoranthene	U		0.0016	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Benzo(g,h,i)perylene	U		0.00093	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Benzo(k)fluoranthene	U		0.0012	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Bis(2-chloro-1-methylethyl) ether	U		0.0019	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Bis(2-chloroethoxy)methane	U		0.0012	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Bis(2-chloroethyl)ether	U		0.0015	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Bis(2-ethylhexyl)phthalate	0.0069	J	0.0023	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-51
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0017	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Caprolactam	U		0.0016	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Carbazole	U		0.0016	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Chrysene	U		0.0011	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Dibenz(a,h)anthracene	U		0.0021	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Dibenzofuran	U		0.00093	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Diethyl phthalate	U		0.0013	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Dimethyl phthalate	U		0.0011	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Di-n-butyl phthalate	U		0.0016	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Di-n-octyl phthalate	U		0.0012	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Fluoranthene	U		0.0015	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Fluorene	U		0.0015	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Hexachlorobenzene	U		0.0012	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Hexachlorobutadiene	U		0.0016	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Hexachlorocyclopentadiene	U		0.0011	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Hexachloroethane	U		0.0020	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Indeno(1,2,3-cd)pyrene	U		0.0011	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Isophorone	U		0.0011	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Naphthalene	U		0.00080	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Nitrobenzene	U		0.0012	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
N-Nitrosodi-n-propylamine	U		0.0015	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
N-Nitrosodiphenylamine	U		0.00093	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Pentachlorophenol	U		0.0044	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Phenanthrene	0.0042	J	0.0020	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
Phenol	U		0.0015	0.0088	mg/Kg-dry	1	10-Oct-2018 18:14
Pyrene	U		0.00080	0.0044	mg/Kg-dry	1	10-Oct-2018 18:14
<i>Surr: 2,4,6-Tribromophenol</i>	<i>60.4</i>			<i>36-126</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>73.0</i>			<i>43-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>
<i>Surr: 2-Fluorophenol</i>	<i>52.4</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>76.5</i>			<i>32-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>
<i>Surr: Nitrobenzene-d5</i>	<i>68.4</i>			<i>37-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>
<i>Surr: Phenol-d6</i>	<i>66.5</i>			<i>40-125</i>	<i>%REC</i>	<i>1</i>	<i>10-Oct-2018 18:14</i>

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-51
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-13
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0056	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1221		U	0.0074	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1232		U	0.0060	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1242		U	0.0078	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1248		U	0.0078	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1254		U	0.0063	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Aroclor 1260		U	0.0053	0.022	mg/Kg-dry	1	10-Oct-2018 08:38
Surr: Decachlorobiphenyl	117			54-143	%REC	1	10-Oct-2018 08:38
Surr: Tetrachloro-m-xylene	84.4			50-140	%REC	1	10-Oct-2018 08:38
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	8,930		29.2	252	mg/Kg-dry	100	11-Oct-2018 15:08
Antimony	0.258	J	0.0819	0.630	mg/Kg-dry	1	11-Oct-2018 16:49
Arsenic	12.3		0.0882	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Barium	90.8		0.0378	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Beryllium	0.520	J	0.0264	0.630	mg/Kg-dry	1	11-Oct-2018 16:49
Cadmium	0.563	J	0.0340	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Calcium	225,000		625	6300	mg/Kg-dry	100	11-Oct-2018 15:08
Chromium	17.4		0.0290	0.630	mg/Kg-dry	1	11-Oct-2018 16:49
Cobalt	5.76		0.0189	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Copper	27.7		0.0479	0.252	mg/Kg-dry	1	11-Oct-2018 16:49
Iron	10,600		2.30	63.0	mg/Kg-dry	1	10-Oct-2018 23:01
Lead	56.1		0.0164	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Magnesium	4,640		3.16	63.0	mg/Kg-dry	1	11-Oct-2018 16:49
Manganese	878		5.41	63.0	mg/Kg-dry	100	11-Oct-2018 15:08
Nickel	16.2		0.0604	0.630	mg/Kg-dry	1	11-Oct-2018 16:49
Potassium	1,750		8.46	63.0	mg/Kg-dry	1	11-Oct-2018 16:49
Selenium	0.745		0.115	0.630	mg/Kg-dry	1	11-Oct-2018 16:49
Silver	0.0835	J	0.0189	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Sodium	181		5.25	63.0	mg/Kg-dry	1	11-Oct-2018 16:49
Thallium		U	0.281	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Vanadium	31.5		0.0944	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
Zinc	126		0.214	0.630	mg/Kg-dry	1	10-Oct-2018 23:01
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0415		0.000667	0.00472	mg/Kg-dry	1	11-Oct-2018 13:42
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	25.0		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-52
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0022	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,4,5-Trichlorophenol	U		0.0033	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,4,6-Trichlorophenol	U		0.0022	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,4-Dichlorophenol	U		0.0017	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,4-Dimethylphenol	U		0.0043	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,4-Dinitrophenol	U		0.0059	0.017	mg/Kg-dry	1	10-Oct-2018 18:34
2,4-Dinitrotoluene	U		0.0012	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2,6-Dinitrotoluene	U		0.0043	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2-Chloronaphthalene	U		0.0017	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2-Chlorophenol	U		0.0017	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2-Methylnaphthalene	0.0024	J	0.00066	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
2-Methylphenol	U		0.0014	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2-Nitroaniline	U		0.0025	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
2-Nitrophenol	U		0.0033	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
3&4-Methylphenol	U		0.0013	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
3,3'-Dichlorobenzidine	U		0.0033	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
3-Nitroaniline	U		0.0025	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4,6-Dinitro-2-methylphenol	U		0.0028	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Bromophenyl phenyl ether	U		0.0021	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Chloro-3-methylphenol	U		0.00092	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Chloroaniline	U		0.0014	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Chlorophenyl phenyl ether	U		0.0020	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Nitroaniline	U		0.0029	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
4-Nitrophenol	U		0.0025	0.017	mg/Kg-dry	1	10-Oct-2018 18:34
Acenaphthene	U		0.00066	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Acenaphthylene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Acetophenone	U		0.0011	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Anthracene	U		0.00066	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Atrazine	U		0.0026	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Benz(a)anthracene	U		0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Benzaldehyde	U	n	0.0016	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Benzo(a)pyrene	U		0.0013	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Benzo(b)fluoranthene	U		0.0016	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Benzo(g,h,i)perylene	U		0.00092	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Benzo(k)fluoranthene	U		0.0012	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Bis(2-chloro-1-methylethyl) ether	U		0.0018	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Bis(2-chloroethoxy)methane	U		0.0012	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Bis(2-chloroethyl)ether	U		0.0014	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Bis(2-ethylhexyl)phthalate	0.0077	J	0.0022	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-52
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0017	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Caprolactam	U		0.0016	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Carbazole	U		0.0016	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Chrysene	U		0.0011	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Dibenz(a,h)anthracene	U		0.0021	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Dibenzofuran	U		0.00092	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Diethyl phthalate	U		0.0013	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Dimethyl phthalate	U		0.0011	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Di-n-butyl phthalate	U		0.0016	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Di-n-octyl phthalate	U		0.0012	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Fluoranthene	0.0016	J	0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Fluorene	U		0.0014	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Hexachlorobenzene	U		0.0012	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Hexachlorobutadiene	U		0.0016	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Hexachlorocyclopentadiene	U		0.0011	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Hexachloroethane	U		0.0020	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Indeno(1,2,3-cd)pyrene	U		0.0011	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Isophorone	U		0.0011	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Naphthalene	U		0.00079	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Nitrobenzene	U		0.0012	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
N-Nitrosodi-n-propylamine	U		0.0014	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
N-Nitrosodiphenylamine	U		0.00092	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Pentachlorophenol	U		0.0043	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Phenanthrene	0.0030	J	0.0020	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
Phenol	U		0.0014	0.0087	mg/Kg-dry	1	10-Oct-2018 18:34
Pyrene	0.0011	J	0.00079	0.0043	mg/Kg-dry	1	10-Oct-2018 18:34
<i>Surr: 2,4,6-Tribromophenol</i>	80.8			36-126	%REC	1	10-Oct-2018 18:34
<i>Surr: 2-Fluorobiphenyl</i>	75.3			43-125	%REC	1	10-Oct-2018 18:34
<i>Surr: 2-Fluorophenol</i>	63.0			37-125	%REC	1	10-Oct-2018 18:34
<i>Surr: 4-Terphenyl-d14</i>	91.9			32-125	%REC	1	10-Oct-2018 18:34
<i>Surr: Nitrobenzene-d5</i>	71.9			37-125	%REC	1	10-Oct-2018 18:34
<i>Surr: Phenol-d6</i>	64.7			40-125	%REC	1	10-Oct-2018 18:34

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-06-52
 Collection Date: 04-Oct-2018 10:55

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-14
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0055	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1221		U	0.0074	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1232		U	0.0059	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1242		U	0.0078	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1248		U	0.0078	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1254		U	0.0062	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
Aroclor 1260		U	0.0053	0.022	mg/Kg-dry	1	10-Oct-2018 08:54
<i>Surr: Decachlorobiphenyl</i>	138			54-143	%REC	1	10-Oct-2018 08:54
<i>Surr: Tetrachloro-m-xylene</i>	89.9			50-140	%REC	1	10-Oct-2018 08:54
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	10,100		29.6	255	mg/Kg-dry	100	11-Oct-2018 15:10
Antimony	0.372	J	0.0828	0.637	mg/Kg-dry	1	11-Oct-2018 16:51
Arsenic	7.36		0.0892	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Barium	93.1		0.0382	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Beryllium	0.547	J	0.0267	0.637	mg/Kg-dry	1	11-Oct-2018 16:51
Cadmium	0.621	J	0.0344	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Calcium	259,000		632	6370	mg/Kg-dry	100	11-Oct-2018 15:10
Chromium	17.7		0.0293	0.637	mg/Kg-dry	1	11-Oct-2018 16:51
Cobalt	6.29		0.0191	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Copper	29.7		0.0484	0.255	mg/Kg-dry	1	11-Oct-2018 16:51
Iron	12,000		2.33	63.7	mg/Kg-dry	1	10-Oct-2018 23:03
Lead	52.3		0.0166	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Magnesium	4,560		3.20	63.7	mg/Kg-dry	1	11-Oct-2018 16:51
Manganese	1,070		5.48	63.7	mg/Kg-dry	100	11-Oct-2018 15:10
Nickel	16.9		0.0611	0.637	mg/Kg-dry	1	11-Oct-2018 16:51
Potassium	1,710		8.56	63.7	mg/Kg-dry	1	11-Oct-2018 16:51
Selenium	1.12		0.116	0.637	mg/Kg-dry	1	11-Oct-2018 16:51
Silver	0.0638	J	0.0191	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Sodium	183		5.31	63.7	mg/Kg-dry	1	11-Oct-2018 16:51
Thallium		U	0.284	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Vanadium	34.1		0.0955	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
Zinc	126		0.217	0.637	mg/Kg-dry	1	10-Oct-2018 23:03
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0463		0.000644	0.00456	mg/Kg-dry	1	11-Oct-2018 13:43
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	24.1		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-15
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
1,1'-Biphenyl	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,4,5-Trichlorophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,4,6-Trichlorophenol	U		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,4-Dichlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,4-Dimethylphenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,4-Dinitrophenol	U		0.0055	0.016	mg/Kg-dry	1	10-Oct-2018 18:53
2,4-Dinitrotoluene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2,6-Dinitrotoluene	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2-Chloronaphthalene	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2-Chlorophenol	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2-Methylnaphthalene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
2-Methylphenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
2-Nitrophenol	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
3&4-Methylphenol	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
3,3'-Dichlorobenzidine	U		0.0031	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
3-Nitroaniline	U		0.0023	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4,6-Dinitro-2-methylphenol	U		0.0026	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Bromophenyl phenyl ether	U		0.0020	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Chloro-3-methylphenol	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Chloroaniline	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Chlorophenyl phenyl ether	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Nitroaniline	U		0.0027	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
4-Nitrophenol	U		0.0023	0.016	mg/Kg-dry	1	10-Oct-2018 18:53
Acenaphthene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Acenaphthylene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Acetophenone	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Anthracene	U		0.00061	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Atrazine	U		0.0025	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Benz(a)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Benzaldehyde	U	n	0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Benzo(a)pyrene	U		0.0012	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Benzo(b)fluoranthene	U		0.0015	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Benzo(g,h,i)perylene	U		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Benzo(k)fluoranthene	U		0.0011	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Bis(2-chloro-1-methylethyl) ether	U		0.0017	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Bis(2-chloroethoxy)methane	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Bis(2-chloroethyl)ether	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Bis(2-ethylhexyl)phthalate	0.022		0.0021	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-15
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
LOW-LEVEL SEMIVOLATILES BY 8270D		Method:SW8270			Prep:SW3541 / 08-Oct-2018		Analyst: ACN
Butyl benzyl phthalate	U		0.0016	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Caprolactam	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Carbazole	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Chrysene	U		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Dibenz(a,h)anthracene	U		0.0020	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Dibenzofuran	U		0.00086	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Diethyl phthalate	U		0.0012	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Dimethyl phthalate	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Di-n-butyl phthalate	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Di-n-octyl phthalate	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Fluoranthene	U		0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Fluorene	U		0.0014	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Hexachlorobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Hexachlorobutadiene	U		0.0015	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Hexachlorocyclopentadiene	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Hexachloroethane	U		0.0018	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Indeno(1,2,3-cd)pyrene	U		0.00098	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Isophorone	U		0.00098	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Naphthalene	U		0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Nitrobenzene	U		0.0011	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
N-Nitrosodi-n-propylamine	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
N-Nitrosodiphenylamine	U		0.00086	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Pentachlorophenol	U		0.0041	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Phenanthrene	U		0.0018	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
Phenol	U		0.0014	0.0081	mg/Kg-dry	1	10-Oct-2018 18:53
Pyrene	U		0.00074	0.0041	mg/Kg-dry	1	10-Oct-2018 18:53
<i>Surr: 2,4,6-Tribromophenol</i>		60.5		36-126	%REC	1	10-Oct-2018 18:53
<i>Surr: 2-Fluorobiphenyl</i>		52.2		43-125	%REC	1	10-Oct-2018 18:53
<i>Surr: 2-Fluorophenol</i>		45.6		37-125	%REC	1	10-Oct-2018 18:53
<i>Surr: 4-Terphenyl-d14</i>		74.1		32-125	%REC	1	10-Oct-2018 18:53
<i>Surr: Nitrobenzene-d5</i>		50.9		37-125	%REC	1	10-Oct-2018 18:53
<i>Surr: Phenol-d6</i>		47.7		40-125	%REC	1	10-Oct-2018 18:53

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: DRA32-20181004-12-51
 Collection Date: 04-Oct-2018 11:15

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-15
 Matrix:Soil

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:SW3541/3665A / 08-Oct-2018		Analyst: JBA	
Aroclor 1016		U	0.0052	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1221		U	0.0069	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1232		U	0.0055	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1242		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1248		U	0.0073	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1254		U	0.0058	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
Aroclor 1260		U	0.0049	0.021	mg/Kg-dry	1	10-Oct-2018 09:09
<i>Surr: Decachlorobiphenyl</i>	133			54-143	%REC	1	10-Oct-2018 09:09
<i>Surr: Tetrachloro-m-xylene</i>	103			50-140	%REC	1	10-Oct-2018 09:09
METALS BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Aluminum	6,740		27.3	235	mg/Kg-dry	100	11-Oct-2018 15:13
Antimony	0.252	J	0.0765	0.588	mg/Kg-dry	1	11-Oct-2018 16:59
Arsenic	7.82		0.0824	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Barium	61.1		0.0353	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Beryllium	0.421	J	0.0247	0.588	mg/Kg-dry	1	11-Oct-2018 16:59
Cadmium	0.502	J	0.0318	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Calcium	252,000		584	5880	mg/Kg-dry	100	11-Oct-2018 15:13
Chromium	13.8		0.0271	0.588	mg/Kg-dry	1	11-Oct-2018 16:59
Cobalt	5.64		0.0177	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Copper	11.2		0.0447	0.235	mg/Kg-dry	1	11-Oct-2018 16:59
Iron	8,460		2.15	58.8	mg/Kg-dry	1	10-Oct-2018 23:05
Lead	119		0.0153	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Magnesium	2,590		2.95	58.8	mg/Kg-dry	1	11-Oct-2018 16:59
Manganese	858		5.06	58.8	mg/Kg-dry	100	11-Oct-2018 15:13
Nickel	15.0		0.0565	0.588	mg/Kg-dry	1	11-Oct-2018 16:59
Potassium	1,750		7.91	58.8	mg/Kg-dry	1	11-Oct-2018 16:59
Selenium	1.09		0.107	0.588	mg/Kg-dry	1	11-Oct-2018 16:59
Silver	0.0514	J	0.0177	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Sodium	255		4.91	58.8	mg/Kg-dry	1	11-Oct-2018 16:59
Thallium		U	0.262	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Vanadium	29.3		0.0883	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
Zinc	63.4		0.200	0.588	mg/Kg-dry	1	10-Oct-2018 23:05
MERCURY BY SW7471B		Method:SW7471A		Prep:SW7471A / 10-Oct-2018		Analyst: JCJ	
Mercury	0.0552		0.000591	0.00418	mg/Kg-dry	1	11-Oct-2018 13:45
MOISTURE - ASTM D2216		Method:ASTM D2216				Analyst: DFF	
Percent Moisture	19.0		0.0100	0.0100	wt%	1	09-Oct-2018 09:58

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-PCS01-20181004-81
 Collection Date: 04-Oct-2018 16:16

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-16
 Matrix:Paint

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082		Prep:CLP4_PEST / 10-Oct-2018		Analyst: JBA	
Aroclor 1268	U	n	0.033	0.033	mg/Kg	1	11-Oct-2018 01:36
<i>Surr: Tetrachloro-m-xylene</i>	89.2			55-150	%REC	1	11-Oct-2018 01:36
LEAD IN PAINT BY SW6020A		Method:SW6020		Prep:SW3050A / 08-Oct-2018		Analyst: JC	
Lead	151		1.24	47.7	mg/Kg	100	10-Oct-2018 23:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS01-20181004-81
 Collection Date: 04-Oct-2018 14:11

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-17
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018		Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:04
Surr: Decachlorobiphenyl	121			30-150	%REC	1	09-Oct-2018 20:04
Surr: Tetrachloro-m-xylene	113			30-150	%REC	1	09-Oct-2018 20:04

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS01-20181004-82
 Collection Date: 04-Oct-2018 14:13

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-18
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018		Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:20
<i>Surr: Decachlorobiphenyl</i>		117		30-150	%REC	1	09-Oct-2018 20:20
<i>Surr: Tetrachloro-m-xylene</i>		110		30-150	%REC	1	09-Oct-2018 20:20

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS02-20181004-81
 Collection Date: 04-Oct-2018 14:16

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-19
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A							
						Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:36
<i>Surr: Decachlorobiphenyl</i>		132		30-150	%REC	1	09-Oct-2018 20:36
<i>Surr: Tetrachloro-m-xylene</i>		99.7		30-150	%REC	1	09-Oct-2018 20:36

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS03-20181004-81
 Collection Date: 04-Oct-2018 14:20

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-20
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 20:51
<i>Surr: Decachlorobiphenyl</i>		127		30-150	%REC	1	09-Oct-2018 20:51
<i>Surr: Tetrachloro-m-xylene</i>		118		30-150	%REC	1	09-Oct-2018 20:51

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS04-20181004-81
 Collection Date: 04-Oct-2018 14:26

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-21
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A						Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:07
<i>Surr: Decachlorobiphenyl</i>		134		30-150	%REC	1	09-Oct-2018 21:07
<i>Surr: Tetrachloro-m-xylene</i>		107		30-150	%REC	1	09-Oct-2018 21:07

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS05-20181004-81
 Collection Date: 04-Oct-2018 14:28

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-22
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 21:23
<i>Surr: Decachlorobiphenyl</i>		130		30-150	%REC	1	09-Oct-2018 21:23
<i>Surr: Tetrachloro-m-xylene</i>		117		30-150	%REC	1	09-Oct-2018 21:23

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS05-20181004-82
 Collection Date: 04-Oct-2018 14:31

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-23
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018		Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 22:57
<i>Surr: Decachlorobiphenyl</i>		129		30-150	%REC	1	09-Oct-2018 22:57
<i>Surr: Tetrachloro-m-xylene</i>		113		30-150	%REC	1	09-Oct-2018 22:57

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS06-20181004-81
 Collection Date: 04-Oct-2018 14:33

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-24
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018		Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:13
<i>Surr: Decachlorobiphenyl</i>		108		30-150	%REC	1	09-Oct-2018 23:13
<i>Surr: Tetrachloro-m-xylene</i>		97.8		30-150	%REC	1	09-Oct-2018 23:13

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS07-20181004-81
 Collection Date: 04-Oct-2018 14:36

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-25
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A							
						Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:28
<i>Surr: Decachlorobiphenyl</i>		130		30-150	%REC	1	09-Oct-2018 23:28
<i>Surr: Tetrachloro-m-xylene</i>		120		30-150	%REC	1	09-Oct-2018 23:28

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS08-20181004-81
 Collection Date: 04-Oct-2018 14:38

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-26
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A		Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018		Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	09-Oct-2018 23:44
Surr: Decachlorobiphenyl		131		30-150	%REC	1	09-Oct-2018 23:44
Surr: Tetrachloro-m-xylene		107		30-150	%REC	1	09-Oct-2018 23:44

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS09-20181004-81
 Collection Date: 04-Oct-2018 14:42

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-27
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:00
<i>Surr: Decachlorobiphenyl</i>		136		30-150	%REC	1	10-Oct-2018 00:00
<i>Surr: Tetrachloro-m-xylene</i>		120		30-150	%REC	1	10-Oct-2018 00:00

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS10-20181004-81
 Collection Date: 04-Oct-2018 14:46

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-28
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A							
						Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:16
Surr: Decachlorobiphenyl		112		30-150	%REC	1	10-Oct-2018 00:16
Surr: Tetrachloro-m-xylene		95.6		30-150	%REC	1	10-Oct-2018 00:16

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS11-20181004-81
 Collection Date: 04-Oct-2018 14:54

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-29
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:31
<i>Surr: Decachlorobiphenyl</i>		129		30-150	%REC	1	10-Oct-2018 00:31
<i>Surr: Tetrachloro-m-xylene</i>		115		30-150	%REC	1	10-Oct-2018 00:31

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS12-20181004-81
 Collection Date: 04-Oct-2018 14:58

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-30
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 00:47
<i>Surr: Decachlorobiphenyl</i>		128		30-150	%REC	1	10-Oct-2018 00:47
<i>Surr: Tetrachloro-m-xylene</i>		114		30-150	%REC	1	10-Oct-2018 00:47

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS13-20181004-81
 Collection Date: 04-Oct-2018 15:02

ANALYTICAL REPORT
 WorkOrder:HS18100338
 Lab ID:HS18100338-31
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:03
<i>Surr: Decachlorobiphenyl</i>		125		30-150	%REC	1	10-Oct-2018 01:03
<i>Surr: Tetrachloro-m-xylene</i>		102		30-150	%REC	1	10-Oct-2018 01:03

Note: See Qualifiers Page for a list of qualifiers and their explanation.

Client: Weston Solutions, Inc.
 Project: FJ Doyle Site
 Sample ID: FJD04-09-WS14-20181004-81
 Collection Date: 04-Oct-2018 15:06

ANALYTICAL REPORT

WorkOrder:HS18100338
 Lab ID:HS18100338-32
 Matrix:Wipe

ANALYSES	RESULT	QUAL	MDL	REPORT LIMIT	UNITS	DILUTION FACTOR	DATE ANALYZED
PCBS BY SW8082A			Method:SW8082			Prep:SW3541C/3665A / 09-Oct-2018	Analyst: JBA
Aroclor 1016	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1221	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1232	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1242	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1248	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1254	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
Aroclor 1260	U		0.50	0.50	ug/100cm2	1	10-Oct-2018 01:18
<i>Surr: Decachlorobiphenyl</i>		111		30-150	%REC	1	10-Oct-2018 01:18
<i>Surr: Tetrachloro-m-xylene</i>		94.8		30-150	%REC	1	10-Oct-2018 01:18

Note: See Qualifiers Page for a list of qualifiers and their explanation.

WEIGHT LOG

Client: Weston Solutions, Inc.

Project: FJ Doyle Site

WorkOrder: HS18100338

Batch ID: 133244 Method: LOW-LEVEL SEMIVOLATILES Prep: 3510_B_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-01	1	1000	1 (mL)	0.001

Batch ID: 133282 Method: LEAD IN PAINT BY SW6020A Prep: 3050_I_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-16	1	0.5244	50 (mL)	95.35
HS18100338-02	1	0.521	50 (mL)	95.97
HS18100338-03	1	0.5175	50 (mL)	96.62
HS18100338-04	1	0.5125	50 (mL)	97.56
HS18100338-05	1	0.5393	50 (mL)	92.71
HS18100338-06	1	0.5308	50 (mL)	94.2
HS18100338-07	1	0.5437	50 (mL)	91.96
HS18100338-08	1	0.546	50 (mL)	91.58
HS18100338-09	1	0.5272	50 (mL)	94.84
HS18100338-10	1	0.5187	50 (mL)	96.39
HS18100338-11	1	0.544	50 (mL)	91.91
HS18100338-12	1	0.5173	50 (mL)	96.66
HS18100338-13	1	0.5294	50 (mL)	94.45
HS18100338-14	1	0.5172	50 (mL)	96.67
HS18100338-15	1	0.5246	50 (mL)	95.31

Batch ID: 133292 Method: ICP-MS METALS BY SW6020A Prep: 3010A

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-01	1	10	10 (mL)	1

Batch ID: 133297 Method: LOW-LEVEL SEMIVOLATILES BY 8270D Prep: 3541_B_LOW

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-02	1	30.07	1 (mL)	0.03326
HS18100338-03	1	30.05	1 (mL)	0.03328
HS18100338-04	1	30.12	1 (mL)	0.0332
HS18100338-05	1	30.18	1 (mL)	0.03313
HS18100338-06	1	30.15	1 (mL)	0.03317
HS18100338-07	1	30.06	1 (mL)	0.03327
HS18100338-08	1	30.09	1 (mL)	0.03323
HS18100338-09	1	30.02	1 (mL)	0.03331
HS18100338-10	1	30.17	1 (mL)	0.03315
HS18100338-11	1	30.19	1 (mL)	0.03312
HS18100338-12	1	30.12	1 (mL)	0.0332
HS18100338-13	1	30.03	1 (mL)	0.0333
HS18100338-14	1	30.04	1 (mL)	0.03329
HS18100338-15	1	30.15	1 (mL)	0.03317

WEIGHT LOG

Client: Weston Solutions, Inc.

Project: FJ Doyle Site

WorkOrder: HS18100338

Batch ID: 133300 Method: PCBS BY SW8082A Prep: PCBPR_SOX

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-02	1	30.06	10 (mL)	0.3327
HS18100338-03	1	30.02	10 (mL)	0.3331
HS18100338-04	1	30.05	10 (mL)	0.3328
HS18100338-05	1	30.13	10 (mL)	0.3319
HS18100338-06	1	30.19	10 (mL)	0.3312
HS18100338-07	1	30.15	10 (mL)	0.3317
HS18100338-08	1	30.03	10 (mL)	0.333
HS18100338-09	1	30.11	10 (mL)	0.3321
HS18100338-10	1	30.16	10 (mL)	0.3316
HS18100338-11	1	30.18	10 (mL)	0.3313
HS18100338-12	1	30.12	10 (mL)	0.332
HS18100338-13	1	30.08	10 (mL)	0.3324
HS18100338-14	1	30.07	10 (mL)	0.3326
HS18100338-15	1	30.14	10 (mL)	0.3318

Batch ID: 133307 Method: PCBS BY SW8082A Prep: PCBWIPEPR_SOX

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-17	1	1	10 (mL)	10
HS18100338-18	1	1	10 (mL)	10
HS18100338-19	1	1	10 (mL)	10
HS18100338-20	1	1	10 (mL)	10
HS18100338-21	1	1	10 (mL)	10
HS18100338-22	1	1	10 (mL)	10
HS18100338-23	1	1	10 (mL)	10
HS18100338-24	1	1	10 (mL)	10
HS18100338-25	1	1	10 (mL)	10
HS18100338-26	1	1	10 (mL)	10
HS18100338-27	1	1	10 (mL)	10
HS18100338-28	1	1	10 (mL)	10
HS18100338-29	1	1	10 (mL)	10
HS18100338-30	1	1	10 (mL)	10
HS18100338-31	1	1	10 (mL)	10
HS18100338-32	1	1	10 (mL)	10

Batch ID: 133318 Method: PCBS BY SW8082A Prep: 3510_PCB

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-01	1	240	10 (mL)	0.04167

Batch ID: 133349 Method: MERCURY BY SW7470A Prep: HG_WPR

SampID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-01	1	10 (mL)	10 (mL)	1

WEIGHT LOG

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

Batch ID: 133369 **Method:** MERCURY BY SW7471B **Prep:** HG_S_LOWPR

SamplID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-02	1	0.5646	40 (mL)	70.85
HS18100338-03	1	0.5721	40 (mL)	69.92
HS18100338-04	1	0.564	40 (mL)	70.92
HS18100338-05	1	0.5678	40 (mL)	70.45
HS18100338-06	1	0.5793	40 (mL)	69.05
HS18100338-07	1	0.5722	40 (mL)	69.91
HS18100338-08	1	0.5692	40 (mL)	70.27
HS18100338-09	1	0.5587	40 (mL)	71.59
HS18100338-10	1	0.5645	40 (mL)	70.86
HS18100338-11	1	0.574	40 (mL)	69.69
HS18100338-12	1	0.5669	40 (mL)	70.56
HS18100338-13	1	0.5638	40 (mL)	70.95
HS18100338-14	1	0.5766	40 (mL)	69.37
HS18100338-15	1	0.5886	40 (mL)	67.96

Batch ID: 133387 **Method:** PCBS BY SW8082A **Prep:** PEST/PCB PR_SOX

SamplID	Container	Sample Wt/Vol	Final Volume	Prep Factor
HS18100338-16	1	15.06	10 (mL)	0.664

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 133244		Test Name : LOW-LEVEL SEMIVOLATILES		Matrix: Water		
HS18100338-01	DRA32-20181004-12-23	04 Oct 2018 11:30		08 Oct 2018 09:09	10 Oct 2018 14:40	1
Batch ID 133282		Test Name : LEAD IN PAINT BY SW6020A		Matrix: Paint		
HS18100338-16	FJD04-09-PCS01-20181004-81	04 Oct 2018 16:16		08 Oct 2018 15:23	10 Oct 2018 23:07	100

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 133282	Test Name : METALS BY SW6020A				Matrix: Soil	
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		08 Oct 2018 15:23	11 Oct 2018 16:11	1
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		08 Oct 2018 15:23	11 Oct 2018 14:32	100
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		08 Oct 2018 15:23	10 Oct 2018 22:08	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		08 Oct 2018 15:23	11 Oct 2018 16:22	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		08 Oct 2018 15:23	11 Oct 2018 14:39	100
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		08 Oct 2018 15:23	10 Oct 2018 22:34	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		08 Oct 2018 15:23	11 Oct 2018 16:24	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		08 Oct 2018 15:23	11 Oct 2018 14:41	100
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		08 Oct 2018 15:23	10 Oct 2018 22:36	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		08 Oct 2018 15:23	11 Oct 2018 16:32	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		08 Oct 2018 15:23	11 Oct 2018 14:43	100
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		08 Oct 2018 15:23	10 Oct 2018 22:39	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		08 Oct 2018 15:23	11 Oct 2018 16:34	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		08 Oct 2018 15:23	11 Oct 2018 14:45	100
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		08 Oct 2018 15:23	10 Oct 2018 22:41	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		08 Oct 2018 15:23	11 Oct 2018 16:36	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		08 Oct 2018 15:23	11 Oct 2018 14:48	100
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		08 Oct 2018 15:23	10 Oct 2018 22:43	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		08 Oct 2018 15:23	11 Oct 2018 16:38	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		08 Oct 2018 15:23	11 Oct 2018 14:57	100
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		08 Oct 2018 15:23	10 Oct 2018 22:45	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		08 Oct 2018 15:23	11 Oct 2018 16:40	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		08 Oct 2018 15:23	11 Oct 2018 14:59	100
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		08 Oct 2018 15:23	10 Oct 2018 22:47	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 15:23	11 Oct 2018 16:37	500
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 15:23	11 Oct 2018 16:43	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 15:23	11 Oct 2018 15:01	100
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 15:23	10 Oct 2018 22:54	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	11 Oct 2018 16:45	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	11 Oct 2018 16:39	500
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	11 Oct 2018 15:04	100
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	10 Oct 2018 22:56	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		08 Oct 2018 15:23	11 Oct 2018 16:47	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		08 Oct 2018 15:23	11 Oct 2018 15:06	100
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		08 Oct 2018 15:23	10 Oct 2018 22:58	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		08 Oct 2018 15:23	11 Oct 2018 16:49	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		08 Oct 2018 15:23	11 Oct 2018 15:08	100
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		08 Oct 2018 15:23	10 Oct 2018 23:01	1
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		08 Oct 2018 15:23	11 Oct 2018 16:51	1

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		08 Oct 2018 15:23	11 Oct 2018 15:10	100
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		08 Oct 2018 15:23	10 Oct 2018 23:03	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	11 Oct 2018 16:59	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	11 Oct 2018 15:13	100
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 15:23	10 Oct 2018 23:05	1
Batch ID 133292	Test Name : ICP-MS METALS BY SW6020A			Matrix: Water		
HS18100338-01	DRA32-20181004-12-23	04 Oct 2018 11:30		09 Oct 2018 11:00	11 Oct 2018 15:27	1
Batch ID 133297	Test Name : LOW-LEVEL SEMIVOLATILES BY 8270D			Matrix: Soil		
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		08 Oct 2018 17:00	10 Oct 2018 13:56	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		08 Oct 2018 17:00	10 Oct 2018 14:58	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		08 Oct 2018 17:00	10 Oct 2018 15:18	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		08 Oct 2018 17:00	10 Oct 2018 15:37	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		08 Oct 2018 17:00	10 Oct 2018 15:57	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		08 Oct 2018 17:00	10 Oct 2018 16:17	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		08 Oct 2018 17:00	10 Oct 2018 16:36	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		08 Oct 2018 17:00	10 Oct 2018 16:56	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 17:00	10 Oct 2018 17:15	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 17:00	10 Oct 2018 17:35	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		08 Oct 2018 17:00	10 Oct 2018 17:55	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		08 Oct 2018 17:00	10 Oct 2018 18:14	1
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		08 Oct 2018 17:00	10 Oct 2018 18:34	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 17:00	10 Oct 2018 18:53	1
Batch ID 133300	Test Name : PCBS BY SW8082A			Matrix: Soil		
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		08 Oct 2018 18:00	10 Oct 2018 03:24	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		08 Oct 2018 18:00	10 Oct 2018 04:43	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		08 Oct 2018 18:00	10 Oct 2018 04:58	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		08 Oct 2018 18:00	10 Oct 2018 05:14	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		08 Oct 2018 18:00	10 Oct 2018 06:48	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		08 Oct 2018 18:00	10 Oct 2018 07:04	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		08 Oct 2018 18:00	10 Oct 2018 07:20	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		08 Oct 2018 18:00	10 Oct 2018 07:35	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		08 Oct 2018 18:00	10 Oct 2018 07:51	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 18:00	10 Oct 2018 08:07	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		08 Oct 2018 18:00	10 Oct 2018 08:22	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		08 Oct 2018 18:00	10 Oct 2018 08:38	1
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		08 Oct 2018 18:00	10 Oct 2018 08:54	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		08 Oct 2018 18:00	10 Oct 2018 09:09	1

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 133307 Test Name : PCBS BY SW8082A Matrix: Wipe						
HS18100338-17	FJD04-09-WS01-20181004-81	04 Oct 2018 14:11		09 Oct 2018 11:00	09 Oct 2018 20:04	1
HS18100338-18	FJD04-09-WS01-20181004-82	04 Oct 2018 14:13		09 Oct 2018 11:00	09 Oct 2018 20:20	1
HS18100338-19	FJD04-09-WS02-20181004-81	04 Oct 2018 14:16		09 Oct 2018 11:00	09 Oct 2018 20:36	1
HS18100338-20	FJD04-09-WS03-20181004-81	04 Oct 2018 14:20		09 Oct 2018 11:00	09 Oct 2018 20:51	1
HS18100338-21	FJD04-09-WS04-20181004-81	04 Oct 2018 14:26		09 Oct 2018 11:00	09 Oct 2018 21:07	1
HS18100338-22	FJD04-09-WS05-20181004-81	04 Oct 2018 14:28		09 Oct 2018 11:00	09 Oct 2018 21:23	1
HS18100338-23	FJD04-09-WS05-20181004-82	04 Oct 2018 14:31		09 Oct 2018 11:00	09 Oct 2018 22:57	1
HS18100338-24	FJD04-09-WS06-20181004-81	04 Oct 2018 14:33		09 Oct 2018 11:00	09 Oct 2018 23:13	1
HS18100338-25	FJD04-09-WS07-20181004-81	04 Oct 2018 14:36		09 Oct 2018 11:00	09 Oct 2018 23:28	1
HS18100338-26	FJD04-09-WS08-20181004-81	04 Oct 2018 14:38		09 Oct 2018 11:00	09 Oct 2018 23:44	1
HS18100338-27	FJD04-09-WS09-20181004-81	04 Oct 2018 14:42		09 Oct 2018 11:00	10 Oct 2018 00:00	1
HS18100338-28	FJD04-09-WS10-20181004-81	04 Oct 2018 14:46		09 Oct 2018 11:00	10 Oct 2018 00:16	1
HS18100338-29	FJD04-09-WS11-20181004-81	04 Oct 2018 14:54		09 Oct 2018 11:00	10 Oct 2018 00:31	1
HS18100338-30	FJD04-09-WS12-20181004-81	04 Oct 2018 14:58		09 Oct 2018 11:00	10 Oct 2018 00:47	1
HS18100338-31	FJD04-09-WS13-20181004-81	04 Oct 2018 15:02		09 Oct 2018 11:00	10 Oct 2018 01:03	1
HS18100338-32	FJD04-09-WS14-20181004-81	04 Oct 2018 15:06		09 Oct 2018 11:00	10 Oct 2018 01:18	1
Batch ID 133318 Test Name : PCBS BY SW8082A Matrix: Water						
HS18100338-01	DRA32-20181004-12-23	04 Oct 2018 11:30		09 Oct 2018 13:44	10 Oct 2018 12:18	1
Batch ID 133349 Test Name : MERCURY BY SW7470A Matrix: Water						
HS18100338-01	DRA32-20181004-12-23	04 Oct 2018 11:30		10 Oct 2018 09:00	10 Oct 2018 16:05	1

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

DATES REPORT

Sample ID	Client Samp ID	Collection Date	TCLP Date	Prep Date	Analysis Date	DF
Batch ID 133369 Test Name : MERCURY BY SW7471B Matrix: Soil						
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42		10 Oct 2018 13:47	11 Oct 2018 13:10	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59		10 Oct 2018 13:47	11 Oct 2018 13:15	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59		10 Oct 2018 13:47	11 Oct 2018 13:17	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17		10 Oct 2018 13:47	11 Oct 2018 13:19	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31		10 Oct 2018 13:47	11 Oct 2018 13:21	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51		10 Oct 2018 13:47	11 Oct 2018 13:22	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05		10 Oct 2018 13:47	11 Oct 2018 13:24	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40		10 Oct 2018 13:47	11 Oct 2018 13:26	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05		10 Oct 2018 13:47	11 Oct 2018 13:36	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15		10 Oct 2018 13:47	11 Oct 2018 13:38	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45		10 Oct 2018 13:47	11 Oct 2018 13:40	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55		10 Oct 2018 13:47	11 Oct 2018 13:42	1
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55		10 Oct 2018 13:47	11 Oct 2018 13:43	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15		10 Oct 2018 13:47	11 Oct 2018 13:45	1
Batch ID 133387 Test Name : PCBs BY SW8082A Matrix: Paint						
HS18100338-16	FJD04-09-PCS01-20181004-81	04 Oct 2018 16:16		10 Oct 2018 14:30	11 Oct 2018 01:36	1
Batch ID R325102 Test Name : MOISTURE - ASTM D2216 Matrix: Soil						
HS18100338-02	DRA29-20181004-01-51	04 Oct 2018 08:42			09 Oct 2018 09:58	1
HS18100338-03	DRA29-20181004-06-51	04 Oct 2018 08:59			09 Oct 2018 09:58	1
HS18100338-04	DRA29-20181004-06-52	04 Oct 2018 08:59			09 Oct 2018 09:58	1
HS18100338-05	DRA29-20181004-12-51	04 Oct 2018 09:17			09 Oct 2018 09:58	1
HS18100338-06	DRA30-20181004-01-51	04 Oct 2018 09:31			09 Oct 2018 09:58	1
HS18100338-07	DRA30-20181004-06-51	04 Oct 2018 09:51			09 Oct 2018 09:58	1
HS18100338-08	DRA30-20181004-12-51	04 Oct 2018 10:05			09 Oct 2018 09:58	1
HS18100338-09	DRA31-20181004-01-51	04 Oct 2018 10:40			09 Oct 2018 09:58	1
HS18100338-10	DRA31-20181004-06-51	04 Oct 2018 11:05			09 Oct 2018 09:58	1
HS18100338-11	DRA31-20181004-12-51	04 Oct 2018 11:15			09 Oct 2018 09:58	1
HS18100338-12	DRA32-20181004-01-51	04 Oct 2018 10:45			09 Oct 2018 09:58	1
HS18100338-13	DRA32-20181004-06-51	04 Oct 2018 10:55			09 Oct 2018 09:58	1
HS18100338-14	DRA32-20181004-06-52	04 Oct 2018 10:55			09 Oct 2018 09:58	1
HS18100338-15	DRA32-20181004-12-51	04 Oct 2018 11:15			09 Oct 2018 09:58	1

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133300 **Instrument:** ECD_7 **Method:** SW8082

MBLK		Sample ID: MBLK-133300		Units: ug/Kg		Analysis Date: 10-Oct-2018 02:53				
Client ID:		Run ID: ECD_7_325204		SeqNo: 4767788		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	17								
Aroclor 1260	U	17								
<i>Surr: Decachlorobiphenyl</i>	7.565	1.6	6.667	0	113	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.796	1.6	6.667	0	102	50 - 140				

LCS		Sample ID: LCS-133300		Units: ug/Kg		Analysis Date: 10-Oct-2018 03:08				
Client ID:		Run ID: ECD_7_325204		SeqNo: 4767789		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	186	17	166.7	0	112	53 - 135				
Aroclor 1260	219	17	166.7	0	131	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	8.03	1.6	6.667	0	120	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.917	1.6	6.667	0	104	50 - 140				

MS		Sample ID: HS18100338-02MS		Units: ug/Kg		Analysis Date: 10-Oct-2018 03:40				
Client ID: DRA29-20181004-01-51		Run ID: ECD_7_325204		SeqNo: 4767791		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	176.1	17	166.2	0	106	53 - 135				
Aroclor 1260	206	17	166.2	0	124	54 - 137				
<i>Surr: Decachlorobiphenyl</i>	7.59	1.6	6.647	0	114	54 - 143				
<i>Surr: Tetrachloro-m-xylene</i>	6.516	1.6	6.647	0	98.0	50 - 140				

MSD		Sample ID: HS18100338-02MSD		Units: ug/Kg		Analysis Date: 10-Oct-2018 03:56				
Client ID: DRA29-20181004-01-51		Run ID: ECD_7_325204		SeqNo: 4767792		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	181.2	17	166.3	0	109	53 - 135	176.1	2.83	30	
Aroclor 1260	204.9	17	166.3	0	123	54 - 137	206	0.524	30	
<i>Surr: Decachlorobiphenyl</i>	8.148	1.6	6.651	0	122	54 - 143	7.59	7.09	30	
<i>Surr: Tetrachloro-m-xylene</i>	6.822	1.6	6.651	0	103	50 - 140	6.516	4.59	30	

The following samples were analyzed in this batch:

HS18100338-02	HS18100338-03	HS18100338-04	HS18100338-05
HS18100338-06	HS18100338-07	HS18100338-08	HS18100338-09
HS18100338-10	HS18100338-11	HS18100338-12	HS18100338-13
HS18100338-14	HS18100338-15		

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133307 **Instrument:** ECD_7 **Method:** SW8082

MBLK		Sample ID: MBLK-133307			Units: ng, Total		Analysis Date: 09-Oct-2018 19:17			
Client ID:		Run ID: ECD_7_325200			SeqNo: 4767741		PrepDate: 09-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	500								
Aroclor 1260	U	500								
Surr: Decachlorobiphenyl	231	0	200	0	115	30 - 150				
Surr: Tetrachloro-m-xylene	200.5	0	200	0	100	30 - 150				

LCS		Sample ID: LCS-133307			Units: ng, Total		Analysis Date: 09-Oct-2018 19:33			
Client ID:		Run ID: ECD_7_325200			SeqNo: 4767742		PrepDate: 09-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4995	500	5000	0	99.9	50 - 130				
Aroclor 1260	5362	500	5000	0	107	50 - 130				
Surr: Decachlorobiphenyl	196	0	200	0	98.0	30 - 150				
Surr: Tetrachloro-m-xylene	190.4	0	200	0	95.2	30 - 150				

LCSD		Sample ID: LCSD-133307			Units: ng, Total		Analysis Date: 09-Oct-2018 19:48			
Client ID:		Run ID: ECD_7_325200			SeqNo: 4767743		PrepDate: 09-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	5365	500	5000	0	107	50 - 130	4995	7.14	30	
Aroclor 1260	6073	500	5000	0	121	50 - 130	5362	12.4	30	
Surr: Decachlorobiphenyl	243.1	0	200	0	122	30 - 150	196	21.5	30	
Surr: Tetrachloro-m-xylene	206	0	200	0	103	30 - 150	190.4	7.9	30	

The following samples were analyzed in this batch:

HS18100338-17	HS18100338-18	HS18100338-19	HS18100338-20
HS18100338-21	HS18100338-22	HS18100338-23	HS18100338-24
HS18100338-25	HS18100338-26	HS18100338-27	HS18100338-28
HS18100338-29	HS18100338-30	HS18100338-31	HS18100338-32

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133318 **Instrument:** ECD_7 **Method:** SW8082

MBLK		Sample ID: MBLK-133318		Units: ug/L		Analysis Date: 10-Oct-2018 11:15				
Client ID:		Run ID: ECD_7_325212		SeqNo: 4767918		PrepDate: 09-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	U	0.500								
Aroclor 1260	U	0.500								
<i>Surr: Decachlorobiphenyl</i>	0.2222	0.0500	0.2	0	111	54 - 140				
<i>Surr: Tetrachloro-m-xylene</i>	0.2044	0.0500	0.2	0	102	53 - 137				

LCS		Sample ID: LCS-133318		Units: ug/L		Analysis Date: 10-Oct-2018 11:31				
Client ID:		Run ID: ECD_7_325212		SeqNo: 4767919		PrepDate: 09-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.928	0.500	5	0	98.6	54 - 138				
Aroclor 1260	5.42	0.500	5	0	108	57 - 136				
<i>Surr: Decachlorobiphenyl</i>	0.2046	0.0500	0.2	0	102	54 - 140				
<i>Surr: Tetrachloro-m-xylene</i>	0.1882	0.0500	0.2	0	94.1	53 - 137				

LCSD		Sample ID: LCSD-133318		Units: ug/L		Analysis Date: 10-Oct-2018 11:46				
Client ID:		Run ID: ECD_7_325212		SeqNo: 4767920		PrepDate: 09-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	4.923	0.500	5	0	98.5	54 - 138	4.928	0.101	20	
Aroclor 1260	5.346	0.500	5	0	107	57 - 136	5.42	1.37	20	
<i>Surr: Decachlorobiphenyl</i>	0.1905	0.0500	0.2	0	95.2	54 - 140	0.2046	7.11	20	
<i>Surr: Tetrachloro-m-xylene</i>	0.1888	0.0500	0.2	0	94.4	53 - 137	0.1882	0.313	20	

The following samples were analyzed in this batch: HS18100338-01

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133387 **Instrument:** ECD_7 **Method:** SW8082

MBLK Sample ID: **MBLK-133387** Units: **ug/Kg** Analysis Date: **10-Oct-2018 21:56**
 Client ID: Run ID: **ECD_7_325216** SeqNo: **4768024** PrepDate: **10-Oct-2018** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Aroclor 1268 U 17
Surr: Tetrachloro-m-xylene 7.177 0 6.67 0 108 55 - 137

LCS Sample ID: **LCS-133387 1268** Units: **ug/Kg** Analysis Date: **10-Oct-2018 22:43**
 Client ID: Run ID: **ECD_7_325216** SeqNo: **4768025** PrepDate: **10-Oct-2018** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Aroclor 1268 164.5 17 166.7 0 98.7 50 - 150

LCSD Sample ID: **LCSD-133387 1268** Units: **ug/Kg** Analysis Date: **10-Oct-2018 22:59**
 Client ID: Run ID: **ECD_7_325216** SeqNo: **4768026** PrepDate: **10-Oct-2018** DF: **1**
 Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Aroclor 1268 163.2 17 166.7 0 97.9 50 - 150 164.5 0.818 30

The following samples were analyzed in this batch: HS18100338-16

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282		Instrument: ICPMS04		Method: SW6020						
MBLK	Sample ID: MBLK-133282	Units: mg/Kg			Analysis Date: 11-Oct-2018 14:30					
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768178	PrepDate: 08-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.6721	2.00								J
Antimony	U	0.500								
Arsenic	U	0.500								
Barium	0.1029	0.500								J
Beryllium	U	0.500								
Cadmium	U	0.500								
Calcium	U	50.0								
Chromium	U	0.500								
Cobalt	U	0.500								
Copper	U	0.200								
Iron	U	50.0								
Lead	U	0.500								
Magnesium	U	50.0								
Manganese	U	0.500								
Nickel	U	0.500								
Potassium	U	50.0								
Selenium	U	0.500								
Silver	U	0.500								
Sodium	U	50.0								
Thallium	U	0.500								
Vanadium	0.0896	0.500								J
Zinc	U	0.500								

LCS	Sample ID: LCS-133282	Units: mg/Kg			Analysis Date: 11-Oct-2018 13:55					
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768488	PrepDate: 08-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	62.33	2.00	60	0	104	80 - 120				
Copper	10.75	0.200	10	0	108	80 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282		Instrument: ICPMS04			Method: SW6020					
LCS		Sample ID: LCS-133282			Units: mg/Kg		Analysis Date: 10-Oct-2018 22:06			
Client ID:		Run ID: ICPMS04_325162			SeqNo: 4767536		PrepDate: 08-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	9.985	0.500	10	0	99.8	80 - 120				
Arsenic	9.757	0.500	10	0	97.6	80 - 120				
Barium	10.57	0.500	10	0	106	80 - 120				
Beryllium	10.9	0.500	10	0	109	80 - 120				
Cadmium	10.01	0.500	10	0	100	80 - 120				
Calcium	989.7	50.0	1000	0	99.0	80 - 120				
Chromium	9.758	0.500	10	0	97.6	80 - 120				
Cobalt	9.67	0.500	10	0	96.7	80 - 120				
Iron	975.4	50.0	1000	0	97.5	80 - 120				
Lead	10	0.500	10	0	100	80 - 120				
Magnesium	1020	50.0	1000	0	102	80 - 120				
Manganese	9.603	0.500	10	0	96.0	80 - 120				
Nickel	9.377	0.500	10	0	93.8	80 - 120				
Potassium	968.6	50.0	1000	0	96.9	80 - 120				
Selenium	10.02	0.500	10	0	100	80 - 120				
Silver	9.912	0.500	10	0	99.1	80 - 120				
Sodium	980.6	50.0	1000	0	98.1	80 - 120				
Thallium	10.19	0.500	10	0	102	80 - 120				
Vanadium	9.911	0.500	10	0	99.1	80 - 120				
Zinc	9.226	0.500	10	0	92.3	80 - 120				
MS		Sample ID: HS18100338-02MS			Units: mg/Kg		Analysis Date: 11-Oct-2018 16:15			
Client ID: DRA29-20181004-01-51		Run ID: ICPMS04_325213			SeqNo: 4768921		PrepDate: 08-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	14410	1.90	57.12	9134	9240	75 - 125				SEO
Copper	43.26	0.190	9.52	25.66	185	75 - 125				S

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282		Instrument: ICPMS04		Method: SW6020						
MS		Sample ID: HS18100338-02MS		Units: mg/Kg		Analysis Date: 10-Oct-2018 22:12				
Client ID: DRA29-20181004-01-51		Run ID: ICPMS04_325162		SeqNo: 4767539		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Antimony	5.453	0.476	9.52	0.2402	54.8	75 - 125				S
Arsenic	16.1	0.476	9.52	7.491	90.4	75 - 125				
Barium	108.7	0.476	9.52	98.69	105	75 - 125				O
Beryllium	10.18	0.476	9.52	0.4854	102	75 - 125				
Cadmium	9.947	0.476	9.52	0.4067	100	75 - 125				
Calcium	151200	47.6	952	161600	-1090	75 - 125				SEO
Chromium	26.91	0.476	9.52	14.56	130	75 - 125				S
Cobalt	14.85	0.476	9.52	6.51	87.6	75 - 125				
Iron	10910	47.6	952	9833	113	75 - 125				O
Lead	31.76	0.476	9.52	23.07	91.3	75 - 125				
Magnesium	4199	47.6	952	2785	148	75 - 125				S
Manganese	792.5	0.476	9.52	910.1	-1230	75 - 125				SEO
Nickel	22.53	0.476	9.52	14	89.6	75 - 125				
Potassium	3104	47.6	952	1300	189	75 - 125				S
Selenium	10.28	0.476	9.52	0.6737	101	75 - 125				
Silver	8.922	0.476	9.52	0.06641	93.0	75 - 125				
Sodium	1079	47.6	952	109.5	102	75 - 125				
Thallium	9.887	0.476	9.52	0.132	102	75 - 125				
Vanadium	47.64	0.476	9.52	35.02	133	75 - 125				S
Zinc	105.1	0.476	9.52	68.49	385	75 - 125				SO
MSD		Sample ID: HS18100338-02MSD		Units: mg/Kg		Analysis Date: 11-Oct-2018 16:18				
Client ID: DRA29-20181004-01-51		Run ID: ICPMS04_325213		SeqNo: 4768922		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	13510	1.93	57.85	9134	7560	75 - 125	14410	6.5	20	SEO
Copper	38.87	0.193	9.641	25.66	137	75 - 125	43.26	10.7	20	S

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282		Instrument: ICPMS04		Method: SW6020							
MSD		Sample ID: HS18100338-02MSD		Units: mg/Kg		Analysis Date: 10-Oct-2018 22:14					
Client ID: DRA29-20181004-01-51		Run ID: ICPMS04_325162		SeqNo: 4767540		PrepDate: 08-Oct-2018		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Antimony	6.016	0.482	9.641	0.2402	59.9	75 - 125	5.453	9.82	20	S	
Arsenic	16.68	0.482	9.641	7.491	95.3	75 - 125	16.1	3.56	20		
Barium	143.1	0.482	9.641	98.69	461	75 - 125	108.7	27.4	20	SRO	
Beryllium	10.23	0.482	9.641	0.4854	101	75 - 125	10.18	0.476	20		
Cadmium	10.28	0.482	9.641	0.4067	102	75 - 125	9.947	3.34	20		
Calcium	156700	48.2	964.1	161600	-516	75 - 125	151200	3.53	20	SEO	
Chromium	26.25	0.482	9.641	14.56	121	75 - 125	26.91	2.48	20		
Cobalt	15.96	0.482	9.641	6.51	98.0	75 - 125	14.85	7.2	20		
Iron	11870	48.2	964.1	9833	212	75 - 125	10910	8.44	20	SO	
Lead	33.92	0.482	9.641	23.07	113	75 - 125	31.76	6.59	20		
Magnesium	3743	48.2	964.1	2785	99.4	75 - 125	4199	11.5	20		
Manganese	938	0.482	9.641	910.1	290	75 - 125	792.5	16.8	20	SEO	
Nickel	23.45	0.482	9.641	14	97.9	75 - 125	22.53	3.99	20		
Potassium	2850	48.2	964.1	1300	161	75 - 125	3104	8.55	20	S	
Selenium	10.1	0.482	9.641	0.6737	97.8	75 - 125	10.28	1.74	20		
Silver	9.177	0.482	9.641	0.06641	94.5	75 - 125	8.922	2.82	20		
Sodium	1075	48.2	964.1	109.5	100	75 - 125	1079	0.43	20		
Thallium	10.21	0.482	9.641	0.132	104	75 - 125	9.887	3.17	20		
Vanadium	48.9	0.482	9.641	35.02	144	75 - 125	47.64	2.61	20	S	
Zinc	77.91	0.482	9.641	68.49	97.8	75 - 125	105.1	29.7	20	RO	
PDS		Sample ID: HS18100338-02PDS		Units: mg/Kg		Analysis Date: 11-Oct-2018 14:36					
Client ID: DRA29-20181004-01-51		Run ID: ICPMS04_325213		SeqNo: 4768212		PrepDate: 08-Oct-2018		DF: 100			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aluminum	10750	192	959.7	9954	83.4	75 - 125				O	
Calcium	272400	4800	95970	175400	101	75 - 125					
Manganese	1974	48.0	959.7	1026	98.8	75 - 125					

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282	Instrument: ICPMS04	Method: SW6020								
PDS	Sample ID: HS18100338-02PDS	Units: mg/Kg	Analysis Date: 10-Oct-2018 22:17							
Client ID: DRA29-20181004-01-51	Run ID: ICPMS04_325162	SeqNo: 4767541	PrepDate: 08-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Antimony	9.916	0.480	9.597	0.2402	101	75 - 125				
Arsenic	16.55	0.480	9.597	7.491	94.4	75 - 125				
Barium	106.4	0.480	9.597	98.69	80.7	75 - 125				O
Beryllium	10.72	0.480	9.597	0.4854	107	75 - 125				
Cadmium	10.12	0.480	9.597	0.4067	101	75 - 125				
Chromium	22.77	0.480	9.597	14.56	85.5	75 - 125				
Cobalt	15.83	0.480	9.597	6.51	97.1	75 - 125				
Iron	10880	48.0	959.7	9833	109	75 - 125				O
Lead	32.03	0.480	9.597	23.07	93.4	75 - 125				
Magnesium	3505	48.0	959.7	2785	75.1	75 - 125				
Nickel	21.93	0.480	9.597	14	82.6	75 - 125				
Potassium	2303	48.0	959.7	1300	104	75 - 125				
Selenium	10.35	0.480	9.597	0.6737	101	75 - 125				
Silver	8.77	0.480	9.597	0.06641	90.7	75 - 125				
Sodium	1049	48.0	959.7	109.5	97.9	75 - 125				
Thallium	9.726	0.480	9.597	0.132	100.0	75 - 125				
Vanadium	42.48	0.480	9.597	35.02	77.7	75 - 125				
Zinc	73.46	0.480	9.597	68.49	51.9	75 - 125				SO

PDS	Sample ID: HS18100338-02PDS	Units: mg/Kg	Analysis Date: 11-Oct-2018 16:20							
Client ID: DRA29-20181004-01-51	Run ID: ICPMS04_325213	SeqNo: 4768923	PrepDate: 08-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Copper	35.99	0.192	9.597	25.66	108	75 - 125				
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SD	Sample ID: HS18100338-02SD	Units: mg/Kg	Analysis Date: 11-Oct-2018 14:34							
Client ID: DRA29-20181004-01-51	Run ID: ICPMS04_325213	SeqNo: 4768211	PrepDate: 08-Oct-2018 DF: 500							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit	Qual

Aluminum	9900	960					9954	0.535	10	
Calcium	169700	24000					175400	3.24	10	
Manganese	1068	240					1026	4.01	10	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133282		Instrument: ICPMS04		Method: SW6020						
SD	Sample ID: HS18100338-02SD	Units: mg/Kg		Analysis Date: 10-Oct-2018 22:10						
Client ID: DRA29-20181004-01-51	Run ID: ICPMS04_325162	SeqNo: 4767538		PrepDate: 08-Oct-2018		DF: 5				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Antimony	U	2.40					0.2402	0	10	
Arsenic	7.545	2.40					7.491	0.716	10	
Barium	96.8	2.40					98.69	1.91	10	
Beryllium	0.5095	2.40					0.4854	0	10	J
Cadmium	0.3605	2.40					0.4067	0	10	J
Chromium	14.33	2.40					14.56	1.56	10	
Cobalt	6.81	2.40					6.51	4.6	10	
Iron	10230	240					9833	3.99	10	
Lead	23.11	2.40					23.07	0.188	10	
Magnesium	2814	240					2785	1.03	10	
Nickel	13.97	2.40					14	0.224	10	
Potassium	1257	240					1300	3.34	10	
Selenium	1.478	2.40					0.6737	0	10	J
Silver	U	2.40					0.06641	0	10	
Sodium	93.66	240					109.5	0	10	J
Thallium	U	2.40					0.132	0	10	
Vanadium	34.52	2.40					35.02	1.44	10	
Zinc	70.78	2.40					68.49	3.35	10	

SD	Sample ID: HS18100338-02SD	Units: mg/Kg		Analysis Date: 11-Oct-2018 16:13						
Client ID: DRA29-20181004-01-51	Run ID: ICPMS04_325213	SeqNo: 4768920		PrepDate: 08-Oct-2018		DF: 5				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	Limit	Qual
Copper	28.63	0.960					25.66	11.6	10	R

The following samples were analyzed in this batch:

HS18100338-02	HS18100338-03	HS18100338-04	HS18100338-05
HS18100338-06	HS18100338-07	HS18100338-08	HS18100338-09
HS18100338-10	HS18100338-11	HS18100338-12	HS18100338-13
HS18100338-14	HS18100338-15	HS18100338-16	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292		Instrument: ICPMS05		Method: SW6020					
MBLK	Sample ID: MBLK-133292	Units: mg/L		Analysis Date: 11-Oct-2018 16:29					
Client ID:		Run ID: ICPMS05_325198		SeqNo: 4768961	PrepDate: 09-Oct-2018	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Aluminum	0.003291	0.0100							J
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MBLK	Sample ID: MBLK-133292	Units: mg/L		Analysis Date: 11-Oct-2018 15:22					
Client ID:		Run ID: ICPMS04_325213		SeqNo: 4768617	PrepDate: 09-Oct-2018	DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual

Antimony	U	0.00200							
Arsenic	U	0.00200							
Barium	U	0.00400							
Beryllium	U	0.00200							
Cadmium	U	0.00200							
Calcium	0.0396	0.500							J
Chromium	U	0.00400							
Cobalt	U	0.00500							
Copper	U	0.00200							
Iron	U	0.200							
Lead	U	0.00200							
Magnesium	0.02144	0.200							J
Manganese	0.000982	0.00500							J
Nickel	U	0.00200							
Potassium	U	0.200							
Selenium	U	0.00200							
Silver	U	0.00200							
Sodium	U	0.200							
Thallium	U	0.00200							
Vanadium	U	0.00500							
Zinc	U	0.00400							

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292		Instrument: ICPMS05		Method: SW6020						
LCS	Sample ID: LCS-133292	Units: mg/L			Analysis Date: 11-Oct-2018 15:25					
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768618	PrepDate: 09-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.1085	0.0100	0.1	0	108	80 - 120				
Antimony	0.05079	0.00200	0.05	0	102	80 - 120				
Arsenic	0.05156	0.00200	0.05	0	103	80 - 120				
Barium	0.04667	0.00400	0.05	0	93.3	80 - 120				
Beryllium	0.05041	0.00200	0.05	0	101	80 - 120				
Cadmium	0.05052	0.00200	0.05	0	101	80 - 120				
Calcium	5.149	0.500	5	0	103	80 - 120				
Chromium	0.05144	0.00400	0.05	0	103	80 - 120				
Cobalt	0.05047	0.00500	0.05	0	101	80 - 120				
Copper	0.05235	0.00200	0.05	0	105	80 - 120				
Iron	5.117	0.200	5	0	102	80 - 120				
Lead	0.05075	0.00200	0.05	0	101	80 - 120				
Magnesium	5.172	0.200	5	0	103	80 - 120				
Manganese	0.05391	0.00500	0.05	0	108	80 - 120				
Nickel	0.05208	0.00200	0.05	0	104	80 - 120				
Potassium	5.162	0.200	5	0	103	80 - 120				
Selenium	0.04893	0.00200	0.05	0	97.9	80 - 120				
Silver	0.05056	0.00200	0.05	0	101	80 - 120				
Sodium	5.187	0.200	5	0	104	80 - 120				
Thallium	0.04726	0.00200	0.05	0	94.5	80 - 120				
Vanadium	0.04932	0.00500	0.05	0	98.6	80 - 120				
Zinc	0.05327	0.00400	0.05	0	107	80 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292		Instrument: ICPMS05			Method: SW6020					
MS	Sample ID: HS18100285-02MS	Units: mg/L			Analysis Date: 11-Oct-2018 15:34					
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768622	PrepDate: 09-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.1136	0.0100	0.1	0.009067	105	80 - 120				
Antimony	0.05299	0.00200	0.05	0.000073	106	80 - 120				
Arsenic	0.05709	0.00200	0.05	0.000593	113	80 - 120				
Barium	0.6156	0.00400	0.05	0.5537	124	80 - 120				SO
Beryllium	0.05544	0.00200	0.05	0.000083	111	80 - 120				
Cadmium	0.05436	0.00200	0.05	0.000107	109	80 - 120				
Calcium	184.2	0.500	5	172.6	232	80 - 120				SEO
Chromium	0.05452	0.00400	0.05	0.000394	108	80 - 120				
Cobalt	0.05357	0.00500	0.05	0.000998	105	80 - 120				
Copper	0.052	0.00200	0.05	-0.001133	106	80 - 120				
Iron	14.22	0.200	5	8.783	109	80 - 120				
Lead	0.05265	0.00200	0.05	-0.000086	105	80 - 120				
Magnesium	21.66	0.200	5	15.82	117	80 - 120				
Manganese	0.6722	0.00500	0.05	0.5992	146	80 - 120				SO
Nickel	0.05433	0.00200	0.05	0.001022	107	80 - 120				
Potassium	9.598	0.200	5	4.267	107	80 - 120				
Selenium	0.05688	0.00200	0.05	-0.000615	115	80 - 120				
Silver	0.05404	0.00200	0.05	0.000034	108	80 - 120				
Sodium	38.13	0.200	5	31.68	129	80 - 120				SO
Thallium	0.05076	0.00200	0.05	0.000009	102	80 - 120				
Vanadium	0.05569	0.00500	0.05	-0.000391	112	80 - 120				
Zinc	0.05688	0.00400	0.05	0.003186	107	80 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292		Instrument: ICPMS05			Method: SW6020					
MSD	Sample ID: HS18100285-02MSD	Units: mg/L			Analysis Date: 11-Oct-2018 15:36					
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768623	PrepDate: 09-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.1102	0.0100	0.1	0.009067	101	80 - 120	0.1136	2.97	20	
Antimony	0.05167	0.00200	0.05	0.000073	103	80 - 120	0.05299	2.52	20	
Arsenic	0.05351	0.00200	0.05	0.000593	106	80 - 120	0.05709	6.48	20	
Barium	0.6133	0.00400	0.05	0.5537	119	80 - 120	0.6156	0.367	20	O
Beryllium	0.05253	0.00200	0.05	0.000083	105	80 - 120	0.05544	5.39	20	
Cadmium	0.0499	0.00200	0.05	0.000107	99.6	80 - 120	0.05436	8.56	20	
Calcium	180.9	0.500	5	172.6	166	80 - 120	184.2	1.8	20	SEO
Chromium	0.05041	0.00400	0.05	0.000394	100	80 - 120	0.05452	7.83	20	
Cobalt	0.05118	0.00500	0.05	0.000998	100	80 - 120	0.05357	4.55	20	
Copper	0.04884	0.00200	0.05	-0.001133	99.9	80 - 120	0.052	6.28	20	
Iron	14.16	0.200	5	8.783	108	80 - 120	14.22	0.413	20	
Lead	0.0513	0.00200	0.05	-0.000086	103	80 - 120	0.05265	2.58	20	
Magnesium	21.25	0.200	5	15.82	108	80 - 120	21.66	1.93	20	
Manganese	0.6504	0.00500	0.05	0.5992	102	80 - 120	0.6722	3.3	20	O
Nickel	0.05202	0.00200	0.05	0.001022	102	80 - 120	0.05433	4.34	20	
Potassium	9.651	0.200	5	4.267	108	80 - 120	9.598	0.553	20	
Selenium	0.05687	0.00200	0.05	-0.000615	115	80 - 120	0.05688	0.0176	20	
Silver	0.05072	0.00200	0.05	0.000034	101	80 - 120	0.05404	6.35	20	
Sodium	37.37	0.200	5	31.68	114	80 - 120	38.13	2.02	20	O
Thallium	0.05103	0.00200	0.05	0.000009	102	80 - 120	0.05076	0.527	20	
Vanadium	0.05098	0.00500	0.05	-0.000391	103	80 - 120	0.05569	8.83	20	
Zinc	0.04918	0.00400	0.05	0.003186	92.0	80 - 120	0.05688	14.5	20	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292	Instrument: ICPMS05	Method: SW6020								
PDS	Sample ID: HS18100285-02PDS	Units: mg/L	Analysis Date: 11-Oct-2018 15:38							
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768624	PrepDate: 09-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Aluminum	0.1097	0.0100	0.1	0.009067	101	75 - 125				
Antimony	0.09672	0.00200	0.1	0.000073	96.6	75 - 125				
Arsenic	0.1006	0.00200	0.1	0.000593	100	75 - 125				
Barium	0.6697	0.00400	0.1	0.5537	116	75 - 125				O
Beryllium	0.11	0.00200	0.1	0.000083	110	75 - 125				
Cadmium	0.1046	0.00200	0.1	0.000107	105	75 - 125				
Chromium	0.09899	0.00400	0.1	0.000394	98.6	75 - 125				
Cobalt	0.1025	0.00500	0.1	0.000998	101	75 - 125				
Copper	0.09662	0.00200	0.1	-0.001133	97.8	75 - 125				
Iron	18.99	0.200	10	8.783	102	75 - 125				
Lead	0.1025	0.00200	0.1	-0.000086	103	75 - 125				
Magnesium	25.85	0.200	10	15.82	100	75 - 125				
Manganese	0.6799	0.00500	0.1	0.5992	80.7	75 - 125				O
Nickel	0.09661	0.00200	0.1	0.001022	95.6	75 - 125				
Potassium	14.84	0.200	10	4.267	106	75 - 125				
Selenium	0.1041	0.00200	0.1	-0.000615	105	75 - 125				
Silver	0.09533	0.00200	0.1	0.000034	95.3	75 - 125				
Sodium	40.94	0.200	10	31.68	92.7	75 - 125				
Thallium	0.1006	0.00200	0.1	0.000009	101	75 - 125				
Vanadium	0.1016	0.00500	0.1	-0.000391	102	75 - 125				
Zinc	0.09786	0.00400	0.1	0.003186	94.7	75 - 125				

PDS	Sample ID: HS18100285-02PDS	Units: mg/L	Analysis Date: 11-Oct-2018 16:35							
Client ID:	Run ID: ICPMS05_325198	SeqNo: 4768964	PrepDate: 09-Oct-2018 DF: 10							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Calcium	186.7	5.00	100	164.1	22.5	75 - 125				S

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133292		Instrument: ICPMS05		Method: SW6020					
SD	Sample ID: HS18100285-02SD	Units: mg/L			Analysis Date: 11-Oct-2018 15:31				
Client ID:	Run ID: ICPMS04_325213	SeqNo: 4768621		PrepDate: 09-Oct-2018		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual
Aluminum	0.02411	0.0500					0.009067	0 10	J
Antimony	U	0.0100					0.000073	0 10	
Arsenic	0.00546	0.0100					0.000593	0 10	J
Barium	0.5776	0.0200					0.5537	4.33 10	
Beryllium	U	0.0100					0.000083	0 10	
Cadmium	U	0.0100					0.000107	0 10	
Chromium	U	0.0200					0.000394	0 10	
Cobalt	0.001508	0.0250					0.000998	0 10	J
Copper	U	0.0100					-0.001133	0 10	
Iron	9.46	1.00					8.783	7.7 10	
Lead	U	0.0100					-0.000086	0 10	
Magnesium	16.14	1.00					15.82	2.02 10	
Manganese	0.6337	0.0250					0.5992	5.75 10	
Nickel	U	0.0100					0.001022	0 10	
Potassium	4.487	1.00					4.267	5.15 10	
Selenium	U	0.0100					-0.000615	0 10	
Silver	U	0.0100					0.000034	0 10	
Sodium	34.37	1.00					31.68	8.49 10	
Thallium	U	0.0100					0.000009	0 10	
Vanadium	0.004408	0.0250					-0.000391	0 10	J
Zinc	U	0.0200					0.003186	0 10	

SD	Sample ID: HS18100285-02SD	Units: mg/L			Analysis Date: 11-Oct-2018 16:33				
Client ID:	Run ID: ICPMS05_325198	SeqNo: 4768963		PrepDate: 09-Oct-2018		DF: 50			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%D	%D Limit Qual
Calcium	158.9	25.0					164.1	3.19 10	

The following samples were analyzed in this batch: HS18100338-01

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133349	Instrument: HG03	Method: SW7470
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MBLK	Sample ID: MBLK-133349	Units: mg/L	Analysis Date: 10-Oct-2018 15:11							
Client ID:	Run ID: HG03_325131	SeqNo: 4766461	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury U 0.000200

LCS	Sample ID: LCS-133349	Units: mg/L	Analysis Date: 10-Oct-2018 15:13							
Client ID:	Run ID: HG03_325131	SeqNo: 4766462	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 0.00494 0.000200 0.005 0 98.8 80 - 120

MS	Sample ID: HS18100338-01MS	Units: mg/L	Analysis Date: 10-Oct-2018 16:07							
Client ID: DRA32-20181004-12-23	Run ID: HG03_325131	SeqNo: 4766557	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 0.00498 0.000200 0.005 0.000002 99.6 75 - 125

MSD	Sample ID: HS18100338-01MSD	Units: mg/L	Analysis Date: 10-Oct-2018 16:12							
Client ID: DRA32-20181004-12-23	Run ID: HG03_325131	SeqNo: 4766558	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 0.00496 0.000200 0.005 0.000002 99.2 75 - 125 0.00498 0.402 20

The following samples were analyzed in this batch: HS18100338-01

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133369	Instrument: HG03	Method: SW7471A
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MBLK	Sample ID: MBLK-133369	Units: ug/Kg	Analysis Date: 11-Oct-2018 12:59							
Client ID:	Run ID: HG03_325218	SeqNo: 4768081	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury U 3.32

LCS	Sample ID: LCS-133369	Units: ug/Kg	Analysis Date: 11-Oct-2018 13:01							
Client ID:	Run ID: HG03_325218	SeqNo: 4768082	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 320.7 3.32 333.3 0 96.2 80 - 120

MS	Sample ID: HS18100338-02MS	Units: ug/Kg	Analysis Date: 11-Oct-2018 13:12							
Client ID: DRA29-20181004-01-51	Run ID: HG03_325218	SeqNo: 4768087	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 357.5 3.55 356.1 19.91 94.8 80 - 120

MSD	Sample ID: HS18100338-02MSD	Units: ug/Kg	Analysis Date: 11-Oct-2018 13:14							
Client ID: DRA29-20181004-01-51	Run ID: HG03_325218	SeqNo: 4768088	PrepDate: 10-Oct-2018 DF: 1							
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	RPD %RPD	RPD Limit	RPD Qual

Mercury 361 3.55 356.1 19.91 95.8 80 - 120 357.5 0.991 20

The following samples were analyzed in this batch:	HS18100338-02	HS18100338-03	HS18100338-04	HS18100338-05
	HS18100338-06	HS18100338-07	HS18100338-08	HS18100338-09
	HS18100338-10	HS18100338-11	HS18100338-12	HS18100338-13
	HS18100338-14	HS18100338-15		

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-133244	Units: ug/L			Analysis Date: 10-Oct-2018 13:41					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767492	PrepDate: 08-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	U	0.20								
2,4,5-Trichlorophenol	U	0.20								
2,4,6-Trichlorophenol	U	0.20								
2,4-Dichlorophenol	U	0.20								
2,4-Dimethylphenol	U	0.20								
2,4-Dinitrophenol	U	1.0								
2,4-Dinitrotoluene	U	0.20								
2,6-Dinitrotoluene	U	0.20								
2-Chloronaphthalene	U	0.20								
2-Chlorophenol	U	0.20								
2-Methylnaphthalene	U	0.10								
2-Methylphenol	U	0.20								
2-Nitroaniline	U	0.20								
2-Nitrophenol	U	0.20								
3&4-Methylphenol	U	0.20								
3,3'-Dichlorobenzidine	U	0.20								
3-Nitroaniline	U	0.20								
4,6-Dinitro-2-methylphenol	U	0.20								
4-Bromophenyl phenyl ether	U	0.20								
4-Chloro-3-methylphenol	U	0.20								
4-Chloroaniline	U	0.20								
4-Chlorophenyl phenyl ether	U	0.20								
4-Nitroaniline	U	0.20								
4-Nitrophenol	U	1.0								
Acenaphthene	U	0.10								
Acenaphthylene	U	0.10								
Acetophenone	U	0.20								
Anthracene	U	0.10								
Atrazine	U	0.20								
Benz(a)anthracene	U	0.10								
Benzaldehyde	U	0.20								
Benzo(a)pyrene	U	0.10								
Benzo(b)fluoranthene	U	0.10								
Benzo(g,h,i)perylene	U	0.10								

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-133244	Units: ug/L			Analysis Date: 10-Oct-2018 13:41					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767492	PrepDate: 08-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	U	0.10								
Bis(2-chloro-1-methylethyl) ether	U	0.20								
Bis(2-chloroethoxy)methane	U	0.20								
Bis(2-chloroethyl)ether	U	0.20								
Bis(2-ethylhexyl)phthalate	U	0.20								
Butyl benzyl phthalate	U	0.20								
Caprolactam	U	0.20								
Carbazole	U	0.20								
Chrysene	U	0.10								
Dibenz(a,h)anthracene	U	0.10								
Dibenzofuran	U	0.10								
Diethyl phthalate	U	0.20								
Dimethyl phthalate	U	0.20								
Di-n-butyl phthalate	U	0.20								
Di-n-octyl phthalate	U	0.20								
Fluoranthene	U	0.10								
Fluorene	U	0.10								
Hexachlorobenzene	U	0.20								
Hexachlorobutadiene	U	0.20								
Hexachlorocyclopentadiene	U	0.20								
Hexachloroethane	U	0.20								
Indeno(1,2,3-cd)pyrene	U	0.10								
Isophorone	U	0.20								
Naphthalene	U	0.10								
Nitrobenzene	U	0.20								
N-Nitrosodi-n-propylamine	U	0.20								
N-Nitrosodiphenylamine	U	0.20								
Pentachlorophenol	U	0.20								
Phenanthrene	U	0.10								
Phenol	U	0.20								
Pyrene	U	0.10								
<i>Surr: 2,4,6-Tribromophenol</i>	<i>4.002</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>80.0</i>	<i>34 - 129</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>4.441</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>88.8</i>	<i>40 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>3.02</i>	<i>0.20</i>	<i>5</i>	<i>0</i>	<i>60.4</i>	<i>20 - 120</i>				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
MBLK	Sample ID: MBLK-133244	Units: ug/L			Analysis Date: 10-Oct-2018 13:41					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767492		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 4-Terphenyl-d14	4.664	0.20	5	0	93.3	40 - 135				
Surr: Nitrobenzene-d5	3.574	0.20	5	0	71.5	41 - 120				
Surr: Phenol-d6	3.427	0.20	5	0	68.5	20 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-133244	Units: ug/L			Analysis Date: 10-Oct-2018 14:00					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767493		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	3.635	0.20	5	0	72.7	45 - 125				
2,4,5-Trichlorophenol	4.397	0.20	5	0	87.9	46 - 120				
2,4,6-Trichlorophenol	4.403	0.20	5	0	88.1	42 - 120				
2,4-Dichlorophenol	4.545	0.20	5	0	90.9	49 - 120				
2,4-Dimethylphenol	3.763	0.20	5	0	75.3	35 - 120				
2,4-Dinitrophenol	3.656	1.0	5	0	73.1	15 - 120				
2,4-Dinitrotoluene	4.238	0.20	5	0	84.8	50 - 122				
2,6-Dinitrotoluene	4.428	0.20	5	0	88.6	50 - 120				
2-Chloronaphthalene	4.427	0.20	5	0	88.5	50 - 120				
2-Chlorophenol	3.984	0.20	5	0	79.7	40 - 120				
2-Methylnaphthalene	4.378	0.10	5	0	87.6	50 - 120				
2-Methylphenol	4.06	0.20	5	0	81.2	45 - 120				
2-Nitroaniline	4.644	0.20	5	0	92.9	28 - 139				
2-Nitrophenol	3.932	0.20	5	0	78.6	40 - 120				
3&4-Methylphenol	4.086	0.20	5	0	81.7	35 - 120				
3,3'-Dichlorobenzidine	4.17	0.20	5	0	83.4	15 - 120				
3-Nitroaniline	4.352	0.20	5	0	87.0	30 - 120				
4,6-Dinitro-2-methylphenol	4.408	0.20	5	0	88.2	25 - 121				
4-Bromophenyl phenyl ether	4.421	0.20	5	0	88.4	45 - 120				
4-Chloro-3-methylphenol	4.117	0.20	5	0	82.3	47 - 120				
4-Chloroaniline	4.095	0.20	5	0	81.9	20 - 120				
4-Chlorophenyl phenyl ether	4.568	0.20	5	0	91.4	50 - 120				
4-Nitroaniline	4.087	0.20	5	0	81.7	30 - 133				
4-Nitrophenol	4.407	1.0	5	0	88.1	30 - 130				
Acenaphthene	4.032	0.10	5	0	80.6	45 - 120				
Acenaphthylene	4.295	0.10	5	0	85.9	47 - 120				
Acetophenone	3.244	0.20	5	0	64.9	40 - 120				
Anthracene	4.345	0.10	5	0	86.9	45 - 120				
Atrazine	4.101	0.20	5	0	82.0	40 - 130				
Benz(a)anthracene	4.621	0.10	5	0	92.4	40 - 120				
Benzaldehyde	0.8978	0.20	5	0	18.0	15 - 120				
Benzo(a)pyrene	4.609	0.10	5	0	92.2	45 - 120				
Benzo(b)fluoranthene	5.072	0.10	5	0	101	50 - 120				
Benzo(g,h,i)perylene	4.151	0.10	5	0	83.0	42 - 127				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-133244	Units: ug/L			Analysis Date: 10-Oct-2018 14:00					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767493		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	4.36	0.10	5	0	87.2	45 - 127				
Bis(2-chloro-1-methylethyl) ether	3.353	0.20	5	0	67.1	40 - 120				
Bis(2-chloroethoxy)methane	3.516	0.20	5	0	70.3	45 - 120				
Bis(2-chloroethyl)ether	3.508	0.20	5	0	70.2	37 - 121				
Bis(2-ethylhexyl)phthalate	4.181	0.20	5	0	83.6	40 - 139				
Butyl benzyl phthalate	4.207	0.20	5	0	84.1	47 - 123				
Caprolactam	3.033	0.20	5	0	60.7	35 - 134				
Carbazole	4.446	0.20	5	0	88.9	42 - 128				
Chrysene	4.402	0.10	5	0	88.0	43 - 120				
Dibenz(a,h)anthracene	4.108	0.10	5	0	82.2	45 - 125				
Dibenzofuran	4.41	0.10	5	0	88.2	50 - 120				
Diethyl phthalate	4.407	0.20	5	0	88.1	41 - 120				
Dimethyl phthalate	4.252	0.20	5	0	85.0	40 - 122				
Di-n-butyl phthalate	4.453	0.20	5	0	89.1	45 - 123				
Di-n-octyl phthalate	4.704	0.20	5	0	94.1	45 - 129				
Fluoranthene	4.878	0.10	5	0	97.6	45 - 125				
Fluorene	4.464	0.10	5	0	89.3	49 - 120				
Hexachlorobenzene	4.65	0.20	5	0	93.0	48 - 120				
Hexachlorobutadiene	4.43	0.20	5	0	88.6	40 - 120				
Hexachlorocyclopentadiene	3.202	0.20	5	0	64.0	34 - 136				
Hexachloroethane	4.089	0.20	5	0	81.8	40 - 120				
Indeno(1,2,3-cd)pyrene	4.773	0.10	5	0	95.5	41 - 128				
Isophorone	3.498	0.20	5	0	70.0	40 - 121				
Naphthalene	4.085	0.10	5	0	81.7	45 - 120				
Nitrobenzene	3.471	0.20	5	0	69.4	44 - 120				
N-Nitrosodi-n-propylamine	3.861	0.20	5	0	77.2	40 - 120				
N-Nitrosodiphenylamine	4.151	0.20	5	0	83.0	40 - 125				
Pentachlorophenol	4.104	0.20	5	0	82.1	19 - 121				
Phenanthrene	4.318	0.10	5	0	86.4	45 - 121				
Phenol	3.854	0.20	5	0	77.1	20 - 124				
Pyrene	4.595	0.10	5	0	91.9	40 - 130				
Surr: 2,4,6-Tribromophenol	4.319	0.20	5	0	86.4	34 - 129				
Surr: 2-Fluorobiphenyl	4.392	0.20	5	0	87.8	40 - 125				
Surr: 2-Fluorophenol	3.076	0.20	5	0	61.5	20 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
LCS	Sample ID: LCS-133244	Units: ug/L			Analysis Date: 10-Oct-2018 14:00					
Client ID:	Run ID: SV-7_325184	SeqNo: 4767493		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
<i>Surr: 4-Terphenyl-d14</i>	4.693	0.20	5	0	93.9	40 - 135				
<i>Surr: Nitrobenzene-d5</i>	3.486	0.20	5	0	69.7	41 - 120				
<i>Surr: Phenol-d6</i>	3.435	0.20	5	0	68.7	20 - 120				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7			Method: SW8270					
LCSD		Sample ID: LCSD-133244			Units: ug/L		Analysis Date: 10-Oct-2018 14:20			
Client ID:		Run ID: SV-7_325184			SeqNo: 4767494		PrepDate: 08-Oct-2018		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	3.438	0.20	5	0	68.8	45 - 125	3.635	5.58	20	
2,4,5-Trichlorophenol	4.186	0.20	5	0	83.7	46 - 120	4.397	4.91	20	
2,4,6-Trichlorophenol	4.108	0.20	5	0	82.2	42 - 120	4.403	6.94	20	
2,4-Dichlorophenol	4.301	0.20	5	0	86.0	49 - 120	4.545	5.51	20	
2,4-Dimethylphenol	3.496	0.20	5	0	69.9	35 - 120	3.763	7.37	20	
2,4-Dinitrophenol	3.813	1.0	5	0	76.3	15 - 120	3.656	4.22	50	
2,4-Dinitrotoluene	4.447	0.20	5	0	88.9	50 - 122	4.238	4.81	20	
2,6-Dinitrotoluene	4.377	0.20	5	0	87.5	50 - 120	4.428	1.16	20	
2-Chloronaphthalene	4.097	0.20	5	0	81.9	50 - 120	4.427	7.73	20	
2-Chlorophenol	3.622	0.20	5	0	72.4	40 - 120	3.984	9.53	20	
2-Methylnaphthalene	4.263	0.10	5	0	85.3	50 - 120	4.378	2.67	20	
2-Methylphenol	3.696	0.20	5	0	73.9	45 - 120	4.06	9.4	20	
2-Nitroaniline	4.396	0.20	5	0	87.9	28 - 139	4.644	5.49	20	
2-Nitrophenol	3.831	0.20	5	0	76.6	40 - 120	3.932	2.6	20	
3&4-Methylphenol	3.71	0.20	5	0	74.2	35 - 120	4.086	9.67	20	
3,3'-Dichlorobenzidine	3.77	0.20	5	0	75.4	15 - 120	4.17	10.1	20	
3-Nitroaniline	4.185	0.20	5	0	83.7	30 - 120	4.352	3.91	20	
4,6-Dinitro-2-methylphenol	4.418	0.20	5	0	88.4	25 - 121	4.408	0.22	30	
4-Bromophenyl phenyl ether	4.204	0.20	5	0	84.1	45 - 120	4.421	5.03	20	
4-Chloro-3-methylphenol	3.874	0.20	5	0	77.5	47 - 120	4.117	6.08	20	
4-Chloroaniline	4.032	0.20	5	0	80.6	20 - 120	4.095	1.54	20	
4-Chlorophenyl phenyl ether	4.539	0.20	5	0	90.8	50 - 120	4.568	0.64	20	
4-Nitroaniline	4.155	0.20	5	0	83.1	30 - 133	4.087	1.64	20	
4-Nitrophenol	4.324	1.0	5	0	86.5	30 - 130	4.407	1.9	20	
Acenaphthene	3.586	0.10	5	0	71.7	45 - 120	4.032	11.7	20	
Acenaphthylene	4.081	0.10	5	0	81.6	47 - 120	4.295	5.12	20	
Acetophenone	3.087	0.20	5	0	61.7	40 - 120	3.244	4.96	20	
Anthracene	4.35	0.10	5	0	87.0	45 - 120	4.345	0.108	20	
Atrazine	3.983	0.20	5	0	79.7	40 - 130	4.101	2.92	20	
Benz(a)anthracene	4.275	0.10	5	0	85.5	40 - 120	4.621	7.76	20	
Benzaldehyde	0.8695	0.20	5	0	17.4	15 - 120	0.8978	3.21	30	
Benzo(a)pyrene	4.318	0.10	5	0	86.4	45 - 120	4.609	6.52	20	
Benzo(b)fluoranthene	4.634	0.10	5	0	92.7	50 - 120	5.072	9.02	20	
Benzo(g,h,i)perylene	3.853	0.10	5	0	77.1	42 - 127	4.151	7.43	20	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244		Instrument: SV-7		Method: SW8270						
LCSD		Sample ID: LCSD-133244		Units: ug/L		Analysis Date: 10-Oct-2018 14:20				
Client ID:		Run ID: SV-7_325184		SeqNo: 4767494		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	4.207	0.10	5	0	84.1	45 - 127	4.36	3.55	20	
Bis(2-chloro-1-methylethyl) ether	3.09	0.20	5	0	61.8	40 - 120	3.353	8.18	20	
Bis(2-chloroethoxy)methane	3.385	0.20	5	0	67.7	45 - 120	3.516	3.81	20	
Bis(2-chloroethyl)ether	3.211	0.20	5	0	64.2	37 - 121	3.508	8.84	20	
Bis(2-ethylhexyl)phthalate	3.978	0.20	5	0	79.6	40 - 139	4.181	4.98	20	
Butyl benzyl phthalate	3.963	0.20	5	0	79.3	47 - 123	4.207	5.97	20	
Caprolactam	3.272	0.20	5	0	65.4	35 - 134	3.033	7.59	20	
Carbazole	4.119	0.20	5	0	82.4	42 - 128	4.446	7.64	20	
Chrysene	4.112	0.10	5	0	82.2	43 - 120	4.402	6.81	20	
Dibenz(a,h)anthracene	3.916	0.10	5	0	78.3	45 - 125	4.108	4.77	20	
Dibenzofuran	4.149	0.10	5	0	83.0	50 - 120	4.41	6.11	20	
Diethyl phthalate	4.302	0.20	5	0	86.0	41 - 120	4.407	2.41	20	
Dimethyl phthalate	4.176	0.20	5	0	83.5	40 - 122	4.252	1.81	20	
Di-n-butyl phthalate	4.374	0.20	5	0	87.5	45 - 123	4.453	1.81	20	
Di-n-octyl phthalate	4.246	0.20	5	0	84.9	45 - 129	4.704	10.2	20	
Fluoranthene	4.622	0.10	5	0	92.4	45 - 125	4.878	5.4	20	
Fluorene	4.414	0.10	5	0	88.3	49 - 120	4.464	1.12	20	
Hexachlorobenzene	4.299	0.20	5	0	86.0	48 - 120	4.65	7.84	20	
Hexachlorobutadiene	4.192	0.20	5	0	83.8	40 - 120	4.43	5.52	20	
Hexachlorocyclopentadiene	3.121	0.20	5	0	62.4	34 - 136	3.202	2.57	20	
Hexachloroethane	3.419	0.20	5	0	68.4	40 - 120	4.089	17.9	20	
Indeno(1,2,3-cd)pyrene	4.296	0.10	5	0	85.9	41 - 128	4.773	10.5	20	
Isophorone	3.345	0.20	5	0	66.9	40 - 121	3.498	4.47	20	
Naphthalene	3.825	0.10	5	0	76.5	45 - 120	4.085	6.6	20	
Nitrobenzene	3.43	0.20	5	0	68.6	44 - 120	3.471	1.21	20	
N-Nitrosodi-n-propylamine	3.624	0.20	5	0	72.5	40 - 120	3.861	6.34	20	
N-Nitrosodiphenylamine	4.076	0.20	5	0	81.5	40 - 125	4.151	1.81	20	
Pentachlorophenol	3.725	0.20	5	0	74.5	19 - 121	4.104	9.69	20	
Phenanthrene	4.149	0.10	5	0	83.0	45 - 121	4.318	3.99	20	
Phenol	3.594	0.20	5	0	71.9	20 - 124	3.854	6.99	20	
Pyrene	4.141	0.10	5	0	82.8	40 - 130	4.595	10.4	20	
Surr: 2,4,6-Tribromophenol	4.131	0.20	5	0	82.6	34 - 129	4.319	4.43	20	
Surr: 2-Fluorobiphenyl	4.019	0.20	5	0	80.4	40 - 125	4.392	8.85	20	
Surr: 2-Fluorophenol	2.705	0.20	5	0	54.1	20 - 120	3.076	12.9	20	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133244 **Instrument:** SV-7 **Method:** SW8270

LCSD		Sample ID: LCSD-133244		Units: ug/L		Analysis Date: 10-Oct-2018 14:20				
Client ID:		Run ID: SV-7_325184		SeqNo: 4767494		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Surr: 4-Terphenyl-d14	4.303	0.20	5	0	86.1	40 - 135	4.693	8.67	20	
Surr: Nitrobenzene-d5	3.533	0.20	5	0	70.7	41 - 120	3.486	1.33	20	
Surr: Phenol-d6	3.145	0.20	5	0	62.9	20 - 120	3.435	8.8	20	

The following samples were analyzed in this batch: HS18100338-01

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MBLK	Sample ID: MBLK-133297	Units: ug/Kg			Analysis Date: 10-Oct-2018 11:29					
Client ID:	Run ID: SV-6_325120	SeqNo: 4766071	PrepDate: 08-Oct-2018	DF: 1						
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	U	6.6								
2,4,5-Trichlorophenol	U	6.6								
2,4,6-Trichlorophenol	U	6.6								
2,4-Dichlorophenol	U	6.6								
2,4-Dimethylphenol	U	6.6								
2,4-Dinitrophenol	U	13								
2,4-Dinitrotoluene	U	6.6								
2,6-Dinitrotoluene	U	6.6								
2-Chloronaphthalene	U	6.6								
2-Chlorophenol	U	6.6								
2-Methylnaphthalene	U	3.3								
2-Methylphenol	U	6.6								
2-Nitroaniline	U	6.6								
2-Nitrophenol	U	6.6								
3&4-Methylphenol	U	6.6								
3,3'-Dichlorobenzidine	U	6.6								
3-Nitroaniline	U	6.6								
4,6-Dinitro-2-methylphenol	U	6.6								
4-Bromophenyl phenyl ether	U	6.6								
4-Chloro-3-methylphenol	U	6.6								
4-Chloroaniline	U	6.6								
4-Chlorophenyl phenyl ether	U	6.6								
4-Nitroaniline	U	6.6								
4-Nitrophenol	U	13								
Acenaphthene	U	3.3								
Acenaphthylene	U	3.3								
Acetophenone	U	6.6								
Anthracene	U	3.3								
Atrazine	U	6.6								
Benz(a)anthracene	U	3.3								
Benzaldehyde	U	6.6								
Benzo(a)pyrene	U	3.3								
Benzo(b)fluoranthene	U	3.3								
Benzo(g,h,i)perylene	U	3.3								

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MBLK	Sample ID: MBLK-133297	Units: ug/Kg			Analysis Date: 10-Oct-2018 11:29					
Client ID:	Run ID: SV-6_325120	SeqNo: 4766071		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	U	3.3								
Bis(2-chloro-1-methylethyl) ether	U	6.6								
Bis(2-chloroethoxy)methane	U	6.6								
Bis(2-chloroethyl)ether	U	6.6								
Bis(2-ethylhexyl)phthalate	U	6.6								
Butyl benzyl phthalate	U	6.6								
Caprolactam	U	6.6								
Carbazole	U	6.6								
Chrysene	U	3.3								
Dibenz(a,h)anthracene	U	3.3								
Dibenzofuran	U	3.3								
Diethyl phthalate	U	6.6								
Dimethyl phthalate	U	6.6								
Di-n-butyl phthalate	U	6.6								
Di-n-octyl phthalate	U	6.6								
Fluoranthene	U	3.3								
Fluorene	U	3.3								
Hexachlorobenzene	U	6.6								
Hexachlorobutadiene	U	6.6								
Hexachlorocyclopentadiene	U	6.6								
Hexachloroethane	U	6.6								
Indeno(1,2,3-cd)pyrene	U	3.3								
Isophorone	U	6.6								
Naphthalene	U	3.3								
Nitrobenzene	U	6.6								
N-Nitrosodi-n-propylamine	U	6.6								
N-Nitrosodiphenylamine	U	6.6								
Pentachlorophenol	U	6.6								
Phenanthrene	U	3.3								
Phenol	U	6.6								
Pyrene	U	3.3								
Surr: 2,4,6-Tribromophenol	138.8	0	167	0	83.1	36 - 126				
Surr: 2-Fluorobiphenyl	139.3	0	167	0	83.4	43 - 125				
Surr: 2-Fluorophenol	123.4	0	167	0	73.9	37 - 125				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297 Instrument: SV-6 Method: SW8270

MBLK Sample ID: MBLK-133297 Units: ug/Kg Analysis Date: 10-Oct-2018 11:29
Client ID: Run ID: SV-6_325120 SeqNo: 4766071 PrepDate: 08-Oct-2018 DF: 1
Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Surr: 4-Terphenyl-d14	156	0	167	0	93.4	32 - 125				
Surr: Nitrobenzene-d5	136	0	167	0	81.5	37 - 125				
Surr: Phenol-d6	127	0	167	0	76.1	40 - 125				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
LCS	Sample ID: LCS-133297	Units: ug/Kg			Analysis Date: 10-Oct-2018 11:49					
Client ID:	Run ID: SV-6_325120	SeqNo: 4766072		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	115.8	6.6	167	0	69.3	50 - 120				
2,4,5-Trichlorophenol	132.5	6.6	167	0	79.3	45 - 127				
2,4,6-Trichlorophenol	137.4	6.6	167	0	82.2	45 - 130				
2,4-Dichlorophenol	134.5	6.6	167	0	80.6	45 - 125				
2,4-Dimethylphenol	123.7	6.6	167	0	74.1	45 - 120				
2,4-Dinitrophenol	114.1	13	167	0	68.3	10 - 126				
2,4-Dinitrotoluene	147.2	6.6	167	0	88.1	50 - 130				
2,6-Dinitrotoluene	143.9	6.6	167	0	86.2	50 - 125				
2-Chloronaphthalene	135.1	6.6	167	0	80.9	50 - 145				
2-Chlorophenol	131.2	6.6	167	0	78.6	45 - 120				
2-Methylnaphthalene	131.1	3.3	167	0	78.5	50 - 120				
2-Methylphenol	132.6	6.6	167	0	79.4	45 - 120				
2-Nitroaniline	171.7	6.6	167	0	103	45 - 138				
2-Nitrophenol	138.1	6.6	167	0	82.7	45 - 125				
3&4-Methylphenol	134.5	6.6	167	0	80.5	45 - 120				
3,3'-Dichlorobenzidine	119.4	6.6	167	0	71.5	15 - 120				
3-Nitroaniline	152.9	6.6	167	0	91.6	40 - 120				
4,6-Dinitro-2-methylphenol	139.7	6.6	167	0	83.7	15 - 135				
4-Bromophenyl phenyl ether	135.8	6.6	167	0	81.3	50 - 125				
4-Chloro-3-methylphenol	131.3	6.6	167	0	78.6	45 - 130				
4-Chloroaniline	101.1	6.6	167	0	60.6	20 - 120				
4-Chlorophenyl phenyl ether	134.4	6.6	167	0	80.5	50 - 120				
4-Nitroaniline	148.8	6.6	167	0	89.1	50 - 127				
4-Nitrophenol	157	13	167	0	94.0	40 - 147				
Acenaphthene	131.5	3.3	167	0	78.8	50 - 120				
Acenaphthylene	136.3	3.3	167	0	81.6	50 - 120				
Acetophenone	103.3	6.6	167	0	61.8	50 - 120				
Anthracene	137.8	3.3	167	0	82.5	50 - 123				
Atrazine	136.3	6.6	167	0	81.6	29 - 148				
Benz(a)anthracene	148.2	3.3	167	0	88.8	50 - 131				
Benzaldehyde	43.49	6.6	167	0	26.0	22 - 129				
Benzo(a)pyrene	151.1	3.3	167	0	90.5	50 - 130				
Benzo(b)fluoranthene	153.8	3.3	167	0	92.1	50 - 137				
Benzo(g,h,i)perylene	139.5	3.3	167	0	83.6	50 - 130				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
LCS	Sample ID: LCS-133297	Units: ug/Kg			Analysis Date: 10-Oct-2018 11:49					
Client ID:	Run ID: SV-6_325120	SeqNo: 4766072		PrepDate: 08-Oct-2018		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	140.1	3.3	167	0	83.9	50 - 143				
Bis(2-chloro-1-methylethyl) ether	121.1	6.6	167	0	72.5	50 - 120				
Bis(2-chloroethoxy)methane	120.5	6.6	167	0	72.2	50 - 120				
Bis(2-chloroethyl)ether	136.2	6.6	167	0	81.5	45 - 127				
Bis(2-ethylhexyl)phthalate	174.8	6.6	167	0	105	21 - 148				
Butyl benzyl phthalate	173.6	6.6	167	0	104	50 - 136				
Caprolactam	137.8	6.6	167	0	82.5	50 - 135				
Carbazole	145.3	6.6	167	0	87.0	50 - 143				
Chrysene	140.2	3.3	167	0	83.9	50 - 130				
Dibenz(a,h)anthracene	143.5	3.3	167	0	85.9	50 - 130				
Dibenzofuran	134	3.3	167	0	80.2	50 - 125				
Diethyl phthalate	140	6.6	167	0	83.8	50 - 125				
Dimethyl phthalate	134.6	6.6	167	0	80.6	50 - 125				
Di-n-butyl phthalate	152.7	6.6	167	0	91.4	50 - 140				
Di-n-octyl phthalate	183.2	6.6	167	0	110	50 - 140				
Fluoranthene	144.6	3.3	167	0	86.6	50 - 131				
Fluorene	133.3	3.3	167	0	79.8	50 - 125				
Hexachlorobenzene	126.7	6.6	167	0	75.9	50 - 124				
Hexachlorobutadiene	133.9	6.6	167	0	80.2	50 - 125				
Hexachlorocyclopentadiene	91.95	6.6	167	0	55.1	45 - 135				
Hexachloroethane	131	6.6	167	0	78.4	45 - 125				
Indeno(1,2,3-cd)pyrene	175.4	3.3	167	0	105	45 - 139				
Isophorone	125	6.6	167	0	74.8	45 - 130				
Naphthalene	127.2	3.3	167	0	76.2	50 - 125				
Nitrobenzene	126.9	6.6	167	0	76.0	50 - 125				
N-Nitrosodi-n-propylamine	128.2	6.6	167	0	76.8	45 - 120				
N-Nitrosodiphenylamine	134.9	6.6	167	0	80.7	50 - 130				
Pentachlorophenol	110.5	6.6	167	0	66.2	23 - 136				
Phenanthrene	131.8	3.3	167	0	78.9	50 - 125				
Phenol	131.1	6.6	167	0	78.5	45 - 130				
Pyrene	143.4	3.3	167	0	85.9	45 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>145.3</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>87.0</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>141.6</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>84.8</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>107.6</i>	<i>0</i>	<i>167</i>	<i>0</i>	<i>64.4</i>	<i>37 - 125</i>				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297 Instrument: SV-6 Method: SW8270

LCS Sample ID: LCS-133297 Units: ug/Kg Analysis Date: 10-Oct-2018 11:49
Client ID: Run ID: SV-6_325120 SeqNo: 4766072 PrepDate: 08-Oct-2018 DF: 1
Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Surr: 4-Terphenyl-d14	153	0	167	0	91.6	32 - 125				
Surr: Nitrobenzene-d5	130.6	0	167	0	78.2	37 - 125				
Surr: Phenol-d6	129.6	0	167	0	77.6	40 - 125				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MS		Sample ID: HS18100338-02MS		Units: ug/Kg		Analysis Date: 10-Oct-2018 14:15				
Client ID: DRA29-20181004-01-51		Run ID: SV-6_325120		SeqNo: 4766284		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit Qual	
1,1'-Biphenyl	104.7	6.6	166.5	0	62.9	50 - 120				
2,4,5-Trichlorophenol	133.3	6.6	166.5	0	80.0	45 - 127				
2,4,6-Trichlorophenol	126.4	6.6	166.5	0	75.9	45 - 130				
2,4-Dichlorophenol	122.3	6.6	166.5	0	73.4	45 - 125				
2,4-Dimethylphenol	98.93	6.6	166.5	0	59.4	45 - 120				
2,4-Dinitrophenol	84.13	13	166.5	0	50.5	10 - 126				
2,4-Dinitrotoluene	138.6	6.6	166.5	0	83.2	50 - 130				
2,6-Dinitrotoluene	133	6.6	166.5	0	79.9	50 - 125				
2-Chloronaphthalene	119.7	6.6	166.5	0	71.9	50 - 145				
2-Chlorophenol	120.2	6.6	166.5	0	72.2	45 - 120				
2-Methylnaphthalene	126.3	3.3	166.5	0	75.9	50 - 120				
2-Methylphenol	117.8	6.6	166.5	0	70.7	45 - 120				
2-Nitroaniline	152.7	6.6	166.5	0	91.7	45 - 138				
2-Nitrophenol	127.9	6.6	166.5	0	76.8	45 - 125				
3&4-Methylphenol	115.4	6.6	166.5	0	69.3	45 - 120				
3,3'-Dichlorobenzidine	193	6.6	166.5	0	116	15 - 120				
3-Nitroaniline	143	6.6	166.5	0	85.9	40 - 120				
4,6-Dinitro-2-methylphenol	119.4	6.6	166.5	0	71.7	15 - 135				
4-Bromophenyl phenyl ether	131.2	6.6	166.5	0	78.8	50 - 125				
4-Chloro-3-methylphenol	125.7	6.6	166.5	0	75.5	45 - 130				
4-Chloroaniline	195.1	6.6	166.5	0	117	20 - 120				
4-Chlorophenyl phenyl ether	122.6	6.6	166.5	0	73.7	50 - 120				
4-Nitroaniline	168.7	6.6	166.5	0	101	50 - 127				
4-Nitrophenol	147.1	13	166.5	0	88.3	40 - 147				
Acenaphthene	119.4	3.3	166.5	0	71.7	50 - 120				
Acenaphthylene	123.2	3.3	166.5	0	74.0	50 - 120				
Acetophenone	99.49	6.6	166.5	0	59.8	50 - 120				
Anthracene	133.1	3.3	166.5	0	79.9	50 - 123				
Atrazine	142.6	6.6	166.5	0	85.7	29 - 148				
Benz(a)anthracene	152.2	3.3	166.5	0	91.4	50 - 131				
Benzaldehyde	29.62	6.6	166.5	0	17.8	22 - 129			S	
Benzo(a)pyrene	158.5	3.3	166.5	0	95.2	50 - 130				
Benzo(b)fluoranthene	163.5	3.3	166.5	0	98.2	50 - 137				
Benzo(g,h,i)perylene	145.7	3.3	166.5	0	87.5	50 - 130				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MS		Sample ID: HS18100338-02MS		Units: ug/Kg		Analysis Date: 10-Oct-2018 14:15				
Client ID: DRA29-20181004-01-51		Run ID: SV-6_325120		SeqNo: 4766284		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	147.4	3.3	166.5	0	88.5	50 - 143				
Bis(2-chloro-1-methylethyl) ether	110.3	6.6	166.5	0	66.2	50 - 120				
Bis(2-chloroethoxy)methane	115.7	6.6	166.5	0	69.5	50 - 120				
Bis(2-chloroethyl)ether	119.1	6.6	166.5	0	71.6	45 - 127				
Bis(2-ethylhexyl)phthalate	190.1	6.6	166.5	5.597	111	21 - 148				
Butyl benzyl phthalate	184.4	6.6	166.5	0	111	50 - 136				
Caprolactam	136.8	6.6	166.5	0	82.2	50 - 135				
Carbazole	158.2	6.6	166.5	0	95.0	50 - 143				
Chrysene	149.3	3.3	166.5	0	89.7	50 - 130				
Dibenz(a,h)anthracene	141.7	3.3	166.5	0	85.1	50 - 130				
Dibenzofuran	122.8	3.3	166.5	0	73.8	50 - 125				
Diethyl phthalate	126.5	6.6	166.5	0	76.0	50 - 125				
Dimethyl phthalate	123.3	6.6	166.5	0	74.0	50 - 125				
Di-n-butyl phthalate	156.8	6.6	166.5	0.8558	93.6	50 - 140				
Di-n-octyl phthalate	194.8	6.6	166.5	0	117	50 - 140				
Fluoranthene	141.7	3.3	166.5	1.487	84.2	50 - 131				
Fluorene	125	3.3	166.5	0	75.1	50 - 125				
Hexachlorobenzene	135	6.6	166.5	0	81.1	50 - 124				
Hexachlorobutadiene	126.3	6.6	166.5	0	75.9	50 - 125				
Hexachlorocyclopentadiene	81.77	6.6	166.5	0	49.1	45 - 135				
Hexachloroethane	115.1	6.6	166.5	0	69.1	45 - 125				
Indeno(1,2,3-cd)pyrene	159.5	3.3	166.5	0	95.8	45 - 139				
Isophorone	118.3	6.6	166.5	0	71.1	45 - 130				
Naphthalene	121.6	3.3	166.5	0	73.1	50 - 125				
Nitrobenzene	121.6	6.6	166.5	0	73.0	50 - 125				
N-Nitrosodi-n-propylamine	117.7	6.6	166.5	0	70.7	45 - 120				
N-Nitrosodiphenylamine	135.1	6.6	166.5	0	81.2	50 - 130				
Pentachlorophenol	121.6	6.6	166.5	0	73.0	23 - 136				
Phenanthrene	126.7	3.3	166.5	1.044	75.4	50 - 125				
Phenol	117.8	6.6	166.5	0	70.7	45 - 130				
Pyrene	149.1	3.3	166.5	2.521	88.0	45 - 130				
<i>Surr: 2,4,6-Tribromophenol</i>	<i>139.7</i>	<i>0</i>	<i>166.5</i>	<i>0</i>	<i>83.9</i>	<i>36 - 126</i>				
<i>Surr: 2-Fluorobiphenyl</i>	<i>124.9</i>	<i>0</i>	<i>166.5</i>	<i>0</i>	<i>75.0</i>	<i>43 - 125</i>				
<i>Surr: 2-Fluorophenol</i>	<i>94.99</i>	<i>0</i>	<i>166.5</i>	<i>0</i>	<i>57.1</i>	<i>37 - 125</i>				

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297 Instrument: SV-6 Method: SW8270

MS Sample ID: HS18100338-02MS Units: ug/Kg Analysis Date: 10-Oct-2018 14:15
Client ID: DRA29-20181004-01-51 Run ID: SV-6_325120 SeqNo: 4766284 PrepDate: 08-Oct-2018 DF: 1
Analyte Result PQL SPK Val SPK Ref Value %REC Control Limit RPD Ref Value %RPD RPD Limit Qual

Surr: 4-Terphenyl-d14	155.4	0	166.5	0	93.3	32 - 125
Surr: Nitrobenzene-d5	123.3	0	166.5	0	74.0	37 - 125
Surr: Phenol-d6	111.5	0	166.5	0	67.0	40 - 125

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MSD		Sample ID: HS18100338-02MSD		Units: ug/Kg		Analysis Date: 10-Oct-2018 14:35				
Client ID: DRA29-20181004-01-51		Run ID: SV-6_325120		SeqNo: 4766285		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1'-Biphenyl	109.9	6.6	166.7	0	65.9	50 - 120	104.7	4.82	30	
2,4,5-Trichlorophenol	124.5	6.6	166.7	0	74.7	45 - 127	133.3	6.79	30	
2,4,6-Trichlorophenol	130.4	6.6	166.7	0	78.2	45 - 130	126.4	3.07	30	
2,4-Dichlorophenol	124	6.6	166.7	0	74.4	45 - 125	122.3	1.39	30	
2,4-Dimethylphenol	94.43	6.6	166.7	0	56.7	45 - 120	98.93	4.66	30	
2,4-Dinitrophenol	76.71	13	166.7	0	46.0	10 - 126	84.13	9.23	30	
2,4-Dinitrotoluene	140.1	6.6	166.7	0	84.0	50 - 130	138.6	1.09	30	
2,6-Dinitrotoluene	142.2	6.6	166.7	0	85.3	50 - 125	133	6.68	30	
2-Chloronaphthalene	124.5	6.6	166.7	0	74.7	50 - 145	119.7	3.98	30	
2-Chlorophenol	124.3	6.6	166.7	0	74.6	45 - 120	120.2	3.35	30	
2-Methylnaphthalene	125.4	3.3	166.7	0	75.2	50 - 120	126.3	0.71	30	
2-Methylphenol	123.4	6.6	166.7	0	74.0	45 - 120	117.8	4.63	30	
2-Nitroaniline	162	6.6	166.7	0	97.2	45 - 138	152.7	5.92	30	
2-Nitrophenol	127.5	6.6	166.7	0	76.5	45 - 125	127.9	0.323	30	
3&4-Methylphenol	119.1	6.6	166.7	0	71.5	45 - 120	115.4	3.22	30	
3,3'-Dichlorobenzidine	182.5	6.6	166.7	0	110	15 - 120	193	5.57	30	
3-Nitroaniline	106.1	6.6	166.7	0	63.6	40 - 120	143	29.7	30	
4,6-Dinitro-2-methylphenol	129.8	6.6	166.7	0	77.9	15 - 135	119.4	8.36	30	
4-Bromophenyl phenyl ether	135.2	6.6	166.7	0	81.1	50 - 125	131.2	3.01	30	
4-Chloro-3-methylphenol	122.1	6.6	166.7	0	73.3	45 - 130	125.7	2.89	30	
4-Chloroaniline	198.1	6.6	166.7	0	119	20 - 120	195.1	1.53	30	
4-Chlorophenyl phenyl ether	128.7	6.6	166.7	0	77.2	50 - 120	122.6	4.79	30	
4-Nitroaniline	156.3	6.6	166.7	0	93.8	50 - 127	168.7	7.62	30	
4-Nitrophenol	146.2	13	166.7	0	87.7	40 - 147	147.1	0.562	30	
Acenaphthene	125.9	3.3	166.7	0	75.5	50 - 120	119.4	5.24	30	
Acenaphthylene	127.7	3.3	166.7	0	76.6	50 - 120	123.2	3.62	30	
Acetophenone	100.6	6.6	166.7	0	60.3	50 - 120	99.49	1.07	30	
Anthracene	137.1	3.3	166.7	0	82.2	50 - 123	133.1	2.93	30	
Atrazine	146.5	6.6	166.7	0	87.9	29 - 148	142.6	2.7	30	
Benz(a)anthracene	150.7	3.3	166.7	0	90.4	50 - 131	152.2	0.968	30	
Benzaldehyde	29.58	6.6	166.7	0	17.7	22 - 129	29.62	0.139	30	S
Benzo(a)pyrene	153.1	3.3	166.7	0	91.8	50 - 130	158.5	3.47	30	
Benzo(b)fluoranthene	156.9	3.3	166.7	0	94.2	50 - 137	163.5	4.07	30	
Benzo(g,h,i)perylene	148.2	3.3	166.7	0	88.9	50 - 130	145.7	1.69	30	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297		Instrument: SV-6		Method: SW8270						
MSD		Sample ID: HS18100338-02MSD		Units: ug/Kg		Analysis Date: 10-Oct-2018 14:35				
Client ID: DRA29-20181004-01-51		Run ID: SV-6_325120		SeqNo: 4766285		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Benzo(k)fluoranthene	149.8	3.3	166.7	0	89.9	50 - 143	147.4	1.56	30	
Bis(2-chloro-1-methylethyl) ether	118	6.6	166.7	0	70.8	50 - 120	110.3	6.75	30	
Bis(2-chloroethoxy)methane	117.4	6.6	166.7	0	70.5	50 - 120	115.7	1.48	30	
Bis(2-chloroethyl)ether	127.8	6.6	166.7	0	76.7	45 - 127	119.1	7.05	30	
Bis(2-ethylhexyl)phthalate	183.5	6.6	166.7	5.597	107	21 - 148	190.1	3.55	30	
Butyl benzyl phthalate	181.1	6.6	166.7	0	109	50 - 136	184.4	1.8	30	
Caprolactam	138.4	6.6	166.7	0	83.0	50 - 135	136.8	1.16	30	
Carbazole	149.2	6.6	166.7	0	89.5	50 - 143	158.2	5.89	30	
Chrysene	143	3.3	166.7	0	85.8	50 - 130	149.3	4.34	30	
Dibenz(a,h)anthracene	154.2	3.3	166.7	0	92.5	50 - 130	141.7	8.49	30	
Dibenzofuran	126.4	3.3	166.7	0	75.8	50 - 125	122.8	2.86	30	
Diethyl phthalate	132.2	6.6	166.7	0	79.3	50 - 125	126.5	4.35	30	
Dimethyl phthalate	127.5	6.6	166.7	0	76.5	50 - 125	123.3	3.35	30	
Di-n-butyl phthalate	155.7	6.6	166.7	0.8558	92.9	50 - 140	156.8	0.692	30	
Di-n-octyl phthalate	187.8	6.6	166.7	0	113	50 - 140	194.8	3.63	30	
Fluoranthene	142.5	3.3	166.7	1.487	84.6	50 - 131	141.7	0.517	30	
Fluorene	131.1	3.3	166.7	0	78.7	50 - 125	125	4.75	30	
Hexachlorobenzene	137.3	6.6	166.7	0	82.4	50 - 124	135	1.69	30	
Hexachlorobutadiene	129.5	6.6	166.7	0	77.7	50 - 125	126.3	2.53	30	
Hexachlorocyclopentadiene	84.05	6.6	166.7	0	50.4	45 - 135	81.77	2.74	30	
Hexachloroethane	124.8	6.6	166.7	0	74.9	45 - 125	115.1	8.15	30	
Indeno(1,2,3-cd)pyrene	159.3	3.3	166.7	0	95.6	45 - 139	159.5	0.136	30	
Isophorone	118.2	6.6	166.7	0	70.9	45 - 130	118.3	0.0551	30	
Naphthalene	122.6	3.3	166.7	0	73.6	50 - 125	121.6	0.807	30	
Nitrobenzene	121.7	6.6	166.7	0	73.0	50 - 125	121.6	0.146	30	
N-Nitrosodi-n-propylamine	128.2	6.6	166.7	0	76.9	45 - 120	117.7	8.55	30	
N-Nitrosodiphenylamine	143.6	6.6	166.7	0	86.2	50 - 130	135.1	6.1	30	
Pentachlorophenol	131.8	6.6	166.7	0	79.1	23 - 136	121.6	8.07	30	
Phenanthrene	133.2	3.3	166.7	1.044	79.3	50 - 125	126.7	5.07	30	
Phenol	114.4	6.6	166.7	0	68.6	45 - 130	117.8	2.93	30	
Pyrene	148.7	3.3	166.7	2.521	87.7	45 - 130	149.1	0.252	30	
Surr: 2,4,6-Tribromophenol	145.4	0	166.7	0	87.3	36 - 126	139.7	3.99	30	
Surr: 2-Fluorobiphenyl	132.6	0	166.7	0	79.6	43 - 125	124.9	6.02	30	
Surr: 2-Fluorophenol	103.8	0	166.7	0	62.3	37 - 125	94.99	8.82	30	

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: 133297 **Instrument:** SV-6 **Method:** SW8270

MSD		Sample ID: HS18100338-02MSD		Units: ug/Kg		Analysis Date: 10-Oct-2018 14:35				
Client ID: DRA29-20181004-01-51		Run ID: SV-6_325120		SeqNo: 4766285		PrepDate: 08-Oct-2018		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
<i>Surr: 4-Terphenyl-d14</i>	155.7	0	166.7	0	93.4	32 - 125	155.4	0.18	30	
<i>Surr: Nitrobenzene-d5</i>	124.7	0	166.7	0	74.8	37 - 125	123.3	1.17	30	
<i>Surr: Phenol-d6</i>	115.6	0	166.7	0	69.4	40 - 125	111.5	3.6	30	

The following samples were analyzed in this batch:

HS18100338-02	HS18100338-03	HS18100338-04	HS18100338-05
HS18100338-06	HS18100338-07	HS18100338-08	HS18100338-09
HS18100338-10	HS18100338-11	HS18100338-12	HS18100338-13
HS18100338-14	HS18100338-15		

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

QC BATCH REPORT

Batch ID: R325102		Instrument: Balance1		Method: ASTM D2216						
DUP	Sample ID: HS18100267-04DUP	Units: wt%		Analysis Date: 09-Oct-2018 09:58						
Client ID:	Run ID: Balance1_325102	SeqNo: 4765658		PrepDate:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual

Percent Moisture	23	0.0100					23.2	0.866	20
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The following samples were analyzed in this batch:

HS18100338-02	HS18100338-03	HS18100338-04	HS18100338-05
HS18100338-06	HS18100338-07	HS18100338-08	HS18100338-09
HS18100338-10	HS18100338-11	HS18100338-12	HS18100338-13
HS18100338-14	HS18100338-15		

Client: Weston Solutions, Inc.
Project: FJ Doyle Site
WorkOrder: HS18100338

**QUALIFIERS,
ACRONYMS, UNITS**

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
M	Manually integrated, see raw data for justification
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL/SDL

Acronym	Description
DCS	Detectability Check Study
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
SDL	Sample Detection Limit
TRRP	Texas Risk Reduction Program

Unit Reported	Description
Date	
mg/Kg-dry	Milligrams per Kilogram- Dry weight corrected
mg/L	Milligrams per Liter
ug/100cm2	micrograms per 100 cm2

CERTIFICATIONS,ACCREDITATIONS & LICENSES

Agency	Number	Expire Date
North Carolina	624-2018	31-Dec-2018
Arkansas	88-0356	27-Mar-2019
Texas	T10470231-18-21	30-Apr-2019
North Dakota	R193 2018-2019	30-Apr-2019
Illinois	004438	29-Jun-2019
Louisiana	03087	30-Jun-2019
Dept of Defense	ANAB L2231	22-Dec-2018
Kentucky	123043 - 2018	30-Apr-2019
Kansas	E-10352 2018-2019	31-Jul-2019
Oklahoma	2018-156	31-Aug-2019

Sample Receipt Checklist

Client Name: Weston Baton Rouge La
 Work Order: HS18100338

Date/Time Received: **08-Oct-2018 10:30**
 Received by: **JRM**

Checklist completed by:	<u>Jared R. Makan</u>	8-Oct-2018	Reviewed by:	<u>Bernadette A. Fini</u>	9-Oct-2018
	eSignature	Date		eSignature	Date

Matrices: **Soil, Water, Wipe** Carrier name: **ALS Courier**

- | | | | |
|---|---|--|---|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| Custody seals intact on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Chain of custody agrees with sample labels? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| TX1005 solids received in hermetically sealed vials? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | |

Temperature(s)/Thermometer(s):	24.7c/24.3c UC/C	IR11
Cooler(s)/Kit(s):	Green	
Date/Time sample(s) sent to storage:	10/08/2018 13:20	
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/> No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/> N/A <input type="checkbox"/>
pH adjusted?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/> N/A <input type="checkbox"/>
pH adjusted by:		

Login Notes: Samples received out of temp. Sample collection times differ for the following: DRA31-20181004-12-51 - COC = 11:15, Sx = 11:14. FJD04-09-WS14-20181004-81 - COC = 15:06, Sx = 14:06. Samples logged in per COC.

Client Contacted:	Date Contacted:	Person Contacted:
Contacted By:	Regarding:	
Comments:		
Corrective Action:		

USEPA

DateShipped: 10/4/2018

CarrierName: UPS

AirbillNo: J1797624035

CHAIN OF CUSTODY RECORD

Site #: 1234

Contact Name: Sean Gavlas

Contact Phone: 609-433-8434

No: 6-100318-165808-0031

Cooler #: 1

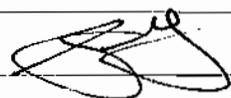
Lab: ALS - Houston TX

Lab Phone: 281-530-5656

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	DRA32-20181004-12-23	FieldQC	PCBs	Water	10/4/2018	11:30	2	250 mL amber	4 C	N
	DRA32-20181004-12-23	FieldQC	SVOC / PAH	Water	10/4/2018	11:30	2	1L amber	4 C	N
	DRA32-20181004-12-23	FieldQC	Metals	Water	10/4/2018	11:30	1	250 mL poly	HN03	N
	DRA29-20181004-01-51	DRA29	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	08:42	1	4oz glass	4C	N
	DRA29-20181004-06-51	DRA29	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	08:59	1	4oz glass	4C	N
	DRA29-20181004-06-52	DRA29	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	08:59	1	4oz glass	4C	N
	DRA29-20181004-12-51	DRA29	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	09:17	1	4oz glass	4C	N
	DRA30-20181004-01-51	DRA30	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	09:31	1	4oz glass	4C	N
	DRA30-20181004-06-51	DRA30	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	09:51	1	4oz glass	4C	Y
	DRA30-20181004-12-51	DRA30	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	10:05	1	4oz glass	4C	N
	DRA31-20181004-01-51	DRA31	PCB (8082A),SVOC+PAH (8270),TAL Metals+Hg (6020)	Soil	10/4/2018	10:40	1	4oz glass	4C	N

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses		10/4/18/11:30	J. J. J.	10/8/18 10:30	Cooler - Green Temp 24.7 12/11 49-01

HS18100338
Weston Solutions, Inc.
FJ Doyle Site



USEPA

Date Shipped: 10/4/2018

Carrier Name: UPS

Airbill No: J1797624035

CHAIN OF CUSTODY RECORD

Site #: 1234

Contact Name: Sean Gavlas

Contact Phone: 609-433-8434

No: 6-100318-165808-0031

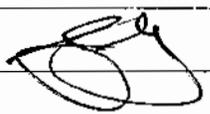
Cooler #: 1

Lab: ALS - Houston TX

Lab Phone: 281-530-5656

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	DRA31-20181004-06-51	DRA31	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	11:05	1	4oz glass	4C	N
	DRA31-20181004-12-51	DRA31	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	11:15	1	4oz glass	4C	N
	DRA32-20181004-01-51	DRA32	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	10:45	1	4oz glass	4C	N
	DRA32-20181004-06-51	DRA32	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	10:55	1	4oz glass	4C	N
	DRA32-20181004-06-52	DRA32	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	10:55	1	4oz glass	4C	N
	DRA32-20181004-12-51	DRA32	PCB (8082A), SVOC+PAH (8270), TAL Metals+Hg (6020)	Soil	10/4/2018	11:15	1	4oz glass	4C	N
	FJD04-09-PCS01-20181004-81	FJD04-09-PCS01	PCB (Aroclor 1268 ONLY), Pb (6020)	Paint	10/4/2018	16:16	1	4oz glass	4C	N
	FJD04-09-WS01-20181004-81	FJD04-09-WS01	PCBs (8082A)	Wipe	10/4/2018	14:11	1	4 oz. glass	Hexane	N
	FJD04-09-WS01-20181004-82	FJD04-09-WS01	PCBs (8082A)	Wipe	10/4/2018	14:13	1	4 oz. glass	Hexane	N
	FJD04-09-WS02-20181004-81	FJD04-09-WS02	PCBs (8082A)	Wipe	10/4/2018	14:16	1	4 oz. glass	Hexane	N
	FJD04-09-WS03-20181004-81	FJD04-09-WS03	PCBs (8082A)	Wipe	10/4/2018	14:20	1	4 oz. glass	Hexane	N

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).	SAMPLES TRANSFERRED FROM
	CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses		10/4/18/1900	J. WRIGHT	10/8/18 10:30	Cooler Green Temp 29.7 10/11 05-04

HS18100338

Weston Solutions, Inc.

FJ Doyle Site



USEPA

DateShipped: 10/4/2018

CarrierName: UPS

AirbillNo: J1797624035

CHAIN OF CUSTODY RECORD

Site #: 1234

Contact Name: Sean Gavlas

Contact Phone: 609-433-8434

No: 6-100318-165808-0031

Cooler #: 1

Lab: ALS - Houston TX

Lab Phone: 281-530-5656

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	FJD04-09-WS13-20181004-81	FJD04-09-WS13	PCBs (8082A)	Wipe	10/4/2018	15:02	1	4 oz. glass	Hexane	N
	FJD04-09-WS14-20181004-81	FJD04-09-WS14	PCBs (8082A)	Wipe	10/4/2018	15:06	1	4 oz. glass	Hexane	N

Special Instructions: Analyze all samples for listed analyses with a 3-day TAT. Send sample results to Jeff Wright (jeff.wright@westonsolutions.com) and Sean Gavlas (sean.gavlas@westonsolutions.com).	SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #
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Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples/ All Analyses		10/4/18/1900	J. WRIGHT	10/2/18 12:36	Cooler - Green Temp 24.7 10/11/18 CF-0.11

HS18100338
Weston Solutions, Inc.
FJ Doyle Site



WESTON
OFFICIAL
CUSTODY SEAL
WCS 1

Name [Signature]
Date 10/8/18
W.O. # _____

[Signature] JM
10/8/18

WESTON
OFFICIAL
CUSTODY SEAL
WCS 1

Name [Signature]
Date 10/8/18
W.O. # _____

[Signature] JM
10/8/18

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UPS Worldwide ExpressSM
Shipping Document

WEIGHT	WEIGHT	DIMENSIONAL WEIGHT

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- EXPRESS (INT'L)
 DOCUMENTS ONLY

1

SATURDAY DELIVERY

SHIPMENT FROM
UPS ACCOUNT NO. _____
REFERENCE NUMBER _____

J179 762 403 5



J179 762 403 5

EXPORT

TELEPHONE

DELIVERY TO
TELEPHONE _____

UPS Next Day Air[®]
ATTACHMENT ONLY

1

J179 762 403 5



J179 762 403 5

DELIVERY

DATE OF SHIPMENT

/ /

0040112404400

United Parcel Service, Louisville, KY



Republic Services, Inc.

18500 N. Allied Way, Phoenix, AZ 85054

FAX

INCOMPLETE FILE TRANSMITTAL

TO: Cheryl Muegge	LOG NO.: 34161818258
FAX:	File Received: 10/31/2018
From: Special Waste Dept.	Response Date: 10/31/2018
Re: United States Environmental Protection Agency - Region 6 / Construction & Demolition Debris	

SECTION I	SECTION II	SECTION III	SECTION IV	SECTION V	SECTION VI
<input type="checkbox"/> DisposalFacility	<input type="checkbox"/> TransporterName	<input type="checkbox"/> NameOfWaste	<input type="checkbox"/> USEPA	<input type="checkbox"/> CharacteristicComponents	<input type="checkbox"/> GenAuthSignature
<input type="checkbox"/> GeneratorName	<input type="checkbox"/> TransporterSiteAddress	<input checked="" type="checkbox"/> ProcessGeneratingWaste	<input type="checkbox"/> SampleDate	<input type="checkbox"/> FreeLiquids	<input type="checkbox"/> GenCoName
<input type="checkbox"/> GeneratorSiteAddress	<input type="checkbox"/> TransporterCityStateZip	<input type="checkbox"/> TypeOfWaste	<input type="checkbox"/> CompositeGrab	<input type="checkbox"/> YesNo	<input type="checkbox"/> NoStateLetter
<input type="checkbox"/> GeneratorCityStateZip	<input type="checkbox"/> TransporterMailingAddress	<input type="checkbox"/> PhysicalState	<input type="checkbox"/> SampleID	<input type="checkbox"/> pH_Flash	<input type="checkbox"/> Name_Title
<input type="checkbox"/> GeneratorMailingAddress	<input type="checkbox"/> TransporterContactName	<input type="checkbox"/> MethodOfShipment	<input type="checkbox"/> SignatureDate		
<input type="checkbox"/> GeneratorContactName	<input type="checkbox"/> TransporterTelFax	<input type="checkbox"/> EstimatedAnnualVolume			
<input type="checkbox"/> GeneratorTelFax	<input type="checkbox"/> Frequency				
<input type="checkbox"/> GeneratorStateID	<input type="checkbox"/> DisposalConsideration				
<input type="checkbox"/> WasteCodeTexas					

ANALYTICALS	TCLP TOTAL METALS	TCLP VOLATILES	TCLP SEMI-VOLATILES	PESTICIDES / HERBICIDE	
<input type="checkbox"/> TotalCyanide	<input type="checkbox"/> Arsenic	<input type="checkbox"/> Benzene	<input type="checkbox"/> Cresols	<input type="checkbox"/> Chlordane	<input type="checkbox"/> LabLetterhead
<input type="checkbox"/> ReactiveCyanide	<input type="checkbox"/> Barium	<input type="checkbox"/> CarbonTetrachloride	<input type="checkbox"/> DichlorobenzeneOne	<input type="checkbox"/> Endrin	<input type="checkbox"/> ChainOfCustody
<input type="checkbox"/> TotalSulfide	<input type="checkbox"/> Cadmium	<input type="checkbox"/> Chlorobenzene	<input type="checkbox"/> DinitrotolueneTwo	<input type="checkbox"/> Heptachlor	<input type="checkbox"/> NoLabSignature
<input type="checkbox"/> ReactiveSulfide	<input type="checkbox"/> Chromium	<input type="checkbox"/> Chloroform	<input type="checkbox"/> Hexachlorobenzene	<input type="checkbox"/> HeptachlorEpoxide	<input type="checkbox"/> ReportOneYearOldPlus
<input type="checkbox"/> TotalPCB	<input type="checkbox"/> Copper	<input type="checkbox"/> DichloroethaneOne	<input type="checkbox"/> Nitrobenzene	<input type="checkbox"/> Lindane	<input type="checkbox"/> NoThirdPartyLab
<input type="checkbox"/> TOX_EOX	<input type="checkbox"/> Lead	<input type="checkbox"/> DichloroethyleneTwo	<input type="checkbox"/> Pentachlorophenol	<input type="checkbox"/> Methoxychlor	<input type="checkbox"/> MissingReportPages
<input type="checkbox"/> Phenols	<input type="checkbox"/> Mercury	<input type="checkbox"/> MethylEthylKetone	<input type="checkbox"/> Pyridine	<input type="checkbox"/> Toxaphene	<input type="checkbox"/> MissingMSDSPages
<input type="checkbox"/> FlashPoint	<input type="checkbox"/> Selenium	<input type="checkbox"/> Tetrachloroethylene	<input type="checkbox"/> TrichlorophenolFive	<input type="checkbox"/> TwoFourD	<input type="checkbox"/> TotalSulfates
<input type="checkbox"/> pH	<input type="checkbox"/> Silver	<input type="checkbox"/> Trichlorethylene	<input type="checkbox"/> TrichlorophenolSix	<input type="checkbox"/> TwoFourFiveTP	<input type="checkbox"/> TotalSulfur
<input type="checkbox"/> PaintFilter	<input type="checkbox"/> Zinc	<input type="checkbox"/> VinylChloride	<input type="checkbox"/> WrongProfile		
<input type="checkbox"/> TPH					
<input type="checkbox"/> BTEX	<input checked="" type="checkbox"/> GeneratorIncomplete				

Notes:
 Please have the generator add more details to their process generating waste: for what purpose was the building used on-site? What activities or processes occurred in the building? What possible contaminants may have been used in it? How was it determined that no contamination exists in the material that is to be disposed? Please have the generator describe their process for ensuring no contaminated material is designated for disposal. Additional analytical may be required.
 What is the metal that constitutes up to 30% of the waste? Please have the generator describe.



Requested Disposal Facility: 3416 Maloy Solid Waste LF TX

Waste Profile # 3416 18 18258
Sales Rep #: 533

Saveable fill-in form. Restricted printing until all required (yellow) fields are completed.

I. Generator Information

Generator Name: United States Environmental Protection Agency - Region 6			
Generator Site Address: 903 N. Poplar			
City: Leonard	County: Fannin	State: Texas	Zip: 75452
State ID/Reg No: NA	State Approval/Waste Code: NA	(if applicable)	NAICS #:
Generator Mailing Address (if different): <input checked="" type="checkbox"/> 1445 Ross Avenue, Suite 1200			
City: Dallas	County: Dallas	State: Texas	Zip: 75202-2733
Generator Contact Name: Gary Moore, On-Scene Coordinator (6SF-ER)		Email: moore.gary@epa.gov	
Phone Number: (214) 665-6609	Ext:	Fax Number:	

per G.M.
10/30/18
CA

II. Billing Information

Bill To: Environmental Restoration, LLC	Contact Name: Don Edgington		
Billing Address: 1666 Fabick Drive	Email: d.edgington@erllc.com		
City: Fenton	State: Missouri	Zip: 63026	Phone: (251) 406-0220

III. Waste Stream Information

Name of Waste: Construction & Demolition (C&D) debris	
Process Generating Waste: Demolition and removal of on-site building and foundation.	
Type of Waste:	<input type="checkbox"/> INDUSTRIAL PROCESS WASTE <input checked="" type="checkbox"/> POLLUTION CONTROL WASTE
Physical State:	<input checked="" type="checkbox"/> SOLID <input type="checkbox"/> SEMI-SOLID <input type="checkbox"/> POWDER <input type="checkbox"/> LIQUID
Method of Shipment:	<input checked="" type="checkbox"/> BULK <input type="checkbox"/> DRUM <input type="checkbox"/> BAGGED <input type="checkbox"/> OTHER:
Estimated Annual Volume:	150 Tons
Frequency:	<input checked="" type="checkbox"/> ONE TIME <input type="checkbox"/> ONGOING
Disposal Consideration:	<input checked="" type="checkbox"/> LANDFILL <input type="checkbox"/> SOLIDIFICATION <input type="checkbox"/> BIOREMEDIATION

IV. Representative Sample Certification

NO SAMPLE TAKEN

Is the representative sample collected to prepare this profile and laboratory analysis, collected in accordance with U.S. EPA 40 CFR 261.20(c) guidelines or equivalent rules?	<input type="checkbox"/> YES or <input type="checkbox"/> NO
Type of Sample:	<input type="checkbox"/> COMPOSITE SAMPLE <input type="checkbox"/> GRAB SAMPLE
Sample Date:	



Waste Profile #
3416 18 18258

V. Physical Characteristics of Waste

Characteristic Components	% by Weight (range)
1. Concrete, gravels, rock	80 - 100%
2. Metal, glass, wood	0 - 30%
3. Trash/PPE	0 - 10%
4.	
5.	
Color varies	Odor (describe) none
Does Waste Contain Free Liquids? <input type="checkbox"/> YES or <input checked="" type="checkbox"/> NO	
% Solids 100%	
pH: n/a	
Flash Point n/a °F	

Attach Laboratory Analytical Report (and/or Material Safety Data Sheet) Including Chain of Custody and Required Parameters Provided for this Profile

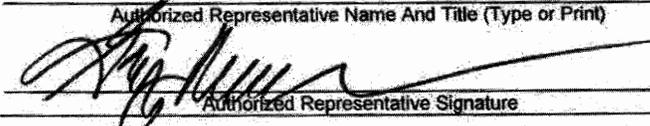
Does this waste or generating process contain regulated concentrations of the following Pesticides and/or Herbicides: Chlordane, Endrin, Heptachlor (and its epoxides), Lindane, Methoxychlor, Toxaphene, 2,4-D, or 2,4,5-TP Silvex as defined in 40 CFR 261.33?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain reactive sulfides (greater than 500 ppm) or reactive cyanide (greater than 250 ppm)[reference 40 CFR 261.23(a)(5)]?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of Polychlorinated Biphenyls (PCBs) as defined in 40 CFR Part 761?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain concentrations of listed hazardous wastes defined in 40 CFR 261.31, 261.32, 261.33, including RCRA F-Listed Solvents?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste exhibit a Hazardous Characteristic as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does this waste contain regulated concentrations of 2,3,7,8-Tetrachlorodibenzodioxin (2,3,7,8-TCDD), or any other dioxin as defined in 40 CFR 261.31?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Radioactive Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this a regulated Medical or Infectious Waste as defined by Federal and/or State regulations?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste a reactive or heat generating waste?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Does the waste contain sulfur or sulfur by-products?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No
Is this waste generated at a Federal Superfund Clean Up Site?	<input checked="" type="checkbox"/> Yes or <input type="checkbox"/> No
Is this waste from a TSD facility, TSD like facility or consolidator?	<input type="checkbox"/> Yes or <input checked="" type="checkbox"/> No

VI. Certification

I hereby certify that to the best of my knowledge and belief, the information contained herein is a true, complete and accurate description of the waste material being offered for disposal and all known or suspected hazards have been disclosed. All Analytical Results/Material Safety Data Sheets submitted are truthful and complete and are representative of the waste.

I further certify that by utilizing this profile, neither myself nor any other employee of the company will deliver for disposal or attempt to deliver for disposal any waste which is classified as toxic waste, hazardous waste or infectious waste, or any other waste material this facility is prohibited from accepting by law. I shall immediately give written notice of any change or condition pertaining to the waste not provided herein. Our company hereby agrees to fully indemnify this disposal facility against any damages resulting from this certification being inaccurate or untrue.

I further certify that the company has not altered the form or content of this profile sheet as provided by Republic Services Inc.

Gary Moore, EPA On-Scene Coordinator _____ Authorized Representative Name And Title (Type or Print)	U.S. Environmental Protection Agency _____ Company Name
 _____ Authorized Representative Signature	10/29/2018 _____ Date